## **Monthly Expenditures Report for March 2019 Office of Grants and Contracts, University of North Texas**

Expenditures Total by College		March 2018		March 2019		<b>YTD FY2018</b>		YTD FY2019
College of Business	\$	25,724	\$	31,680	\$	207,410	\$	253,635
College of Education	\$	159,672	\$	189,928	\$	1,671,562	\$	1,444,881
College of Engineering	\$	608,005	\$	442,764	\$	3,938,362	\$	5,049,043
College of Health & Public Service (prev. PACS)	\$	160,096	\$	119,479	\$	927,332	\$	908,100
College of Information	\$	67,966	\$	51,971	\$	429,831	\$	350,375
College of Liberal Arts & Social Sciences	\$	221,581	\$	102,448	\$	1,307,289	\$	916,161
College of Merchandising Hospitality and Tourism	\$	5,229	\$	11,029	\$	78,231	\$	69,979
College of Music	\$	-	\$	-	\$	-	\$	-
College of Science	\$	502,336	\$	615,496	\$	3,527,839	\$	4,262,642
College of Visual Arts and Design	\$	2,761	\$	-	\$	29,530	\$	-
Mayborn School of Journalism	\$	-	\$	800	\$	12,408	\$	800
Other	\$	201,190	\$	205,385	\$	1,288,655	\$	1,494,200
Grand Total:	\$	1,954,561	\$	1,770,980	\$	13,418,449	\$	14,749,816
Expenditures Total by Category								
To describe a	<u>,</u>	150 202	۲	202.404	۲	1 442 070	۲	1 202 002
Instruction	\$	156,202	\$	203,481	-	1,443,878	\$	1,382,092
Public Service	\$	338,126	\$	293,356	\$	2,384,491	\$	2,246,052
Research	\$	1,460,233	\$	1,274,144	\$	9,590,080	\$	11,121,672
Grand Total:	\$	1,954,561	\$	1,770,980	\$	13,418,449	\$	14,749,816
Expenditures Total by Source of Funding								
ı v								
Federal	\$	1,494,215	\$	1,280,611	\$	10,635,856	\$	11,554,753
Private	\$	335,356	\$	388,176	\$	2,040,644	\$	2,504,773
State	\$	124,990	\$	102,194	\$	741,949	\$	690,290
Grand Total:	\$	1,954,561	\$	1,770,980	\$	13,418,449	\$	14,749,816

**Note**: "Other" Colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity. 2 "Other" categories include Academic Support, Student Services, Institutional Support, Scholarships and Fellowships

last updated 4/16/2019

Expenditures, March FY2019
----------------------------

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
UNT									
College	of Business								
Finance,	Insurance, Real Estate & Law								
Staff,Ma	rcia J								
GP20033	University of North Texas (UNT) Risk Management Grant for Veterans	& Insurance	Public Service	Insurance Industry Charitable Foun IICF	dation- Priva	ite PI	\$140	100%	\$140
		Totals for	Staff,Marcia J						\$140
		Totals for	Finance, Insurance,	, Real Estate & Law					\$140
Informat	tion Technology & Decision Science								
Kim,Daı	n Jang								
	Co-PI; Information Technology & Decision Scien	nce: Dantu.	R., PI: Computer So	cience & Engineering: Hawamdeh.	S., Co-PI: Info	ormation	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Thr Integrated Multidisciplinary Doctoral Program in Inf Assurance	ough an	Instruction	National Science Foundation	-	ral Co-PI		25%	(\$123)
GF70029	Export Controlled, title removed		Instruction	National Security Agency	Fede	ral PI	\$1,872	2 100%	\$1,872
		Totals for	Kim,Dan Jong						\$1,749
		Totals for	Information Techno	ology & Decision Science					\$1,749
Marketin	ng & Logistics								
Romba I	Michael Stephen								
-	f., Co-PI; Nowicki, D., PI; Marketing & Logistic.	s: Nowicki.	D., PI: Engineering	Technology: Carroll. M., Co-PI:	Economics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AM SURFACE TRANSPORTATION ACT AND THE E TRADE ADVISORY COMMITTEE	MERICA'S	Research	Texas Department of Transportation		ral Co-PI	\$33,102	2 50%	\$16,551
		Totals for	Bomba,Michael Ste	phen					\$16,551
Nowicki	David Richard								
Nowicki, I	D., PI; Bomba, M., Co-PI; Marketing & Logistic	es; Nowicki,	D., PI; Engineering	Technology; Carroll, M., Co-PI;	Economics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AM SURFACE TRANSPORTATION ACT AND THE E TRADE ADVISORY COMMITTEE		Research	Texas Department of Transportation	n Fede	ral PI	\$33,102	2 40%	\$13,241
		Totals for	Nowicki,David Rich	nard					\$13,241
		Totals for	Marketing & Logis	tics					\$29,792

Project ID	Title		Category	Sponsor	0	PI / Co-PI	-	Recognition %	Recognition Amount
College	of Education								
Autism (	Center								
Callaha	n,Kevin John								
GA00007	A+HIPPY: A Statewide Autism Parent Training Col	laboration	Public Service	Texas Higher Education Coordinating Board	Other	PI	\$15,074	100%	\$15,074
Callahan	K., Co-PI; Autism Center; Mehta, S., PI; Comb	es, B., Co-F	PI; Boesch, M., Co-PI;	Educational Psychology					
GF0614	Project STArT: Systematic Training of Autism Teach	hers	Instruction	U.S. Department of Education	Federa	al Co-PI	\$2,767	13.33%	\$369
		Totals for	Callahan,Kevin John						\$15,442
		Totals for	Autism Center						\$15,442
Counsel	ing & Higher Education								
Bower,I	Beverly								
GP20053	Council for the Study of Community Colleges		Public Service	Council for the Study of Community Colleges	Privat	e PI	\$447	100%	\$447
		Totals for	Bower, Beverly						\$447
Ceballo	s,Peggy Lorena								
Ceballos,	P., Co-PI; Wilson, A., PI; Counseling & Higher	Education;	Carey, C., Co-PI; Dis	ability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate S Integrated Care and Behavioral Health Settings	Services into	Public Service	Health Resources & Service Administra	ation Federa	al Co-PI	\$8,763	25%	\$2,191
Ceballos,	P., Co-PI; Ray, D., PI; Lindo, N., Co-PI; Couns	eling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Acade Achievement for Young Children	mic	Research	Hogg Foundation for Mental Health	Privat	e Co-PI	\$11,103	25%	\$2,776
		Totals for	Ceballos, Peggy Loren	a					\$4,966
Lindo,N	atalya Ann								
Lindo, N.	, Co-PI; Ray, D., PI; Ceballos, P., Co-PI; Couns	eling & Hig	gher Education						
GP20039	Play for the Future: Linking Mental Health to Acade Achievement for Young Children	mic	Research	Hogg Foundation for Mental Health	Privat	e Co-PI	\$11,103	25%	\$2,776
		Totals for	Lindo,Natalya Ann						\$2,776
Prosek,	Elizabeth Ann								
GF40062	Denton County Veterans Treatment Court Program		Public Service	Denton County	Federa	al PI	\$3,772	100%	\$3,772
		Totals for	Prosek,Elizabeth Ann						\$3,772
Ray,Dea	nnne C								

ID	Title	Category	C	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Ray, D., I	PI; Ceballos, P., Co-PI; Lindo, N., Co-PI; Counseling & H	igher Education						
GP20039	Play for the Future: Linking Mental Health to Academic Achievement for Young Children	Research	Hogg Foundation for Mental Health	Privat	te PI	\$11,103	50%	\$5,552
	Totals for	Ray,Deanne C						\$5,552
Wilson,	Angie Denise							
Wilson, A	., PI; Ceballos, P., Co-PI; Counseling & Higher Education	ı; Carey, C., Co-PI; D	isability & Addiction Rehabilitation					
GF10000	Expanding Cultural and Linguistically Appropriate Services into Integrated Care and Behavioral Health Settings	Public Service	Health Resources & Service Administra	tion Feder	al PI	\$8,763	50%	\$4,381
Wilson, A	., PI; Counseling & Higher Education; Carey, C., Co-PI;	Disability & Addiction	Rehabilitation					
GS00014	Cultural and Linguistic Awareness Support Services in Counseling (UNT-CLASSIC)	Instruction	Texas Higher Education Coordinating Board	State	PI	\$33,741	50%	\$16,870
	Totals for	Wilson, Angie Denise	e					\$21,252
	Totals for	Counseling & Highe	r Education					\$38,765
Educatio	onal Psychology							
GF0614  Combes  Combes, A	M., Co-PI; Mehta, S., PI; Combes, B., Co-PI; Educational In Project STArT: Systematic Training of Autism Teachers  Totals for  Bertina H  B., Co-PI; Mehta, S., PI; Boesch, M., Co-PI; Educational In Project STA-T: Systematic Training of Autism Teachers	Instruction  Boesch, Miriam Cha	U.S. Department of Education		al Co-PI	\$2,767		\$369 <b>\$369</b>
CEOCLA						¢2 747	12 240/	\$2.60
GF0614	Project STArT: Systematic Training of Autism Teachers		e.s. Department of Education	reder	ur co 11	\$2,767	13.34%	\$369 \$360
	Totals for Cynthia Ann		C.S. Department of Education	react	ur 0011	\$2,767	13.34%	\$369 <b>\$369</b>
Frosch,(	Totals for	Combes,Bertina H	Columbia University	Privat		\$2,767 \$534		
Frosch,(	Totals for Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection	Combes,Bertina H	Columbia University			·		\$369
Frosch,C	Totals for  Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts  Totals for	Combes,Bertina H	Columbia University			·		<b>\$369</b> \$534
Frosch,(GP30009	Totals for  Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts  Totals for	Combes,Bertina H	Columbia University			·		<b>\$369</b> \$534
Frosch,C GP30009 Hull,Dan Hull, D.,	Totals for  Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts  Totals for  Trell	Combes,Bertina H	Columbia University	Privat		·		<b>\$369</b> \$534
Frosch,C GP30009 Hull,Dan Hull, D.,	Totals for  Cynthia Ann  The WECS: Validating a New Measure of Emotional Connectic in Father-Infant Dyads and Home Visiting Contexts  Totals for   rrell  Co-PI; Middlemiss, W., PI; Educational Psychology  Texas HIPPYCorps	n Research Frosch,Cynthia Ann	Columbia University	Privat	te PI	\$534	100%	\$369 \$534 \$534
Frosch, GP30009 <b>Hull, Da</b> <i>Hull, D.</i> , GF40098	Totals for Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts  Totals for rrell  Co-PI; Middlemiss, W., PI; Educational Psychology  Texas HIPPYCorps  Totals for	n Research Frosch,Cynthia Ann Public Service	Columbia University	Privat	te PI	\$534	100%	\$369 \$534 \$534 \$3,006
Frosch, GP30009  Hull, Dan Hull, D., GF40098  Mehta, S	Totals for Cynthia Ann  The WECS: Validating a New Measure of Emotional Connection in Father-Infant Dyads and Home Visiting Contexts  Totals for rrell  Co-PI; Middlemiss, W., PI; Educational Psychology  Texas HIPPYCorps  Totals for	n Research Frosch,Cynthia Ann Public Service Hull,Darrell	Columbia University  OneStar National Service Commission	Privat	te PI	\$534	100%	\$369 \$534 \$534 \$3,006
GP30009  Hull, Dan Hull, D., of GF40098  Mehta, S	Totals for Cynthia Ann  The WECS: Validating a New Measure of Emotional Connectic in Father-Infant Dyads and Home Visiting Contexts  Totals for rrell  Co-PI; Middlemiss, W., PI; Educational Psychology  Texas HIPPYCorps  Totals for Smita	n Research Frosch,Cynthia Ann Public Service Hull,Darrell	Columbia University  OneStar National Service Commission	Privat Feder	te PI	\$534	100% 20%	\$369 \$534 \$534 \$3,006
Frosch, GP30009  Hull, Dan Hull, D., GF40098  Mehta, S. Mehta, S.	Totals for  Cynthia Ann  The WECS: Validating a New Measure of Emotional Connectic in Father-Infant Dyads and Home Visiting Contexts  Totals for   rrell  Co-PI; Middlemiss, W., PI; Educational Psychology  Texas HIPPYCorps  Totals for   Smita  , PI; Combes, B., Co-PI; Boesch, M., Co-PI; Educational II  Project STArT: Systematic Training of Autism Teachers	n Research Frosch,Cynthia Ann Public Service Hull,Darrell	Columbia University  OneStar National Service Commission  K., Co-PI; Autism Center	Privat Feder	te PI al Co-PI	\$534 \$15,031	100% 20%	\$369 \$534 \$534 \$3,006

Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Middlemis	s, W., PI; Hull, D., Co-PI; Educational Psycholog	3y							
GF40098	Texas HIPPYCorps		Public Service	OneStar National Service Commission	Feder	al PI	\$15,031	80%	\$12,025
GF40109	Texas HIPPYCorps Initiative		Public Service	OneStar National Service Commission	Feder	al PI	\$7,785	100%	\$7,785
	3	Totals for	Middlemiss, Wendy						\$19,810
		Totals for	Educational Psychol	logy					\$25,749
Kinesiolo	ogy, Health Promotion, & Recreation								
Bowman	Erin Marie kellogg								
Bowman,	E., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Oi	lson, R., C	o-PI; Kinesiology, F	Health Promotion, & Recreation; Mcj	farlin, B., PI	; Vingren	, J., Co-PI; Bio	ological Sciences	•
GP00026	Does 90-days of Megasporebiotic Supplementation Re- Post-Prandial Responses to a High-Fat Meal?	duce on	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$320	10%	\$32
Bowman,	E., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Nite	e, K., Co-F	PI; Vingren, J., Co-P	I; Vingren, J., Co-PI; Kinesiology, H	lealth Promo	otion, & R	Recreation; Mcf	farlin, B., PI; Vii	ngren
GP50006	Does Daily Supplementation With Glutathione Alter In Upper Respiratory Tract Infection, and Oxidative Stres Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	10%	\$5,601
Bowman,	E., Co-PI; Mcfarlin, B., PI; Kinesiology, Health P	Promotion,	& Recreation; Mcfa	ırlin, B., PI; Biological Sciences					
GP6501	Testing Efficacy of UA Recovery Shorts Following Ell	MD	Research	Under Armour, Inc.	Priva	te Co-PI	\$12,999	25%	\$3,250
	5	Totals for	Bowman,Erin Marie	e kellogg					\$8,883
Collins J	r,John R								
Collins Jr,	J., PI; Martin, S., Co-PI; Kinesiology, Health Pre	omotion, c	& Recreation						
GP20021	Girls in the Game - Teen Squad		Instruction	Girls in the Game	Priva	te PI	\$1,620	90%	\$1,458
		Totals for	Collins Jr,John R						\$1,458
Hull,Dar									
	Co-PI; Middlemiss, W., PI; Jacobson, A., Co-PI; K	Kinesiolog				1 G PV	40	00/	40
GF40059	HIPPY THV Technical Assistance		Public Service	Texas Department of Family & Protect Services	ive Feder	al Co-PI	\$0	0%	\$0
Hull, D., C	Co-PI; Middlemiss, W., PI; Kinesiology, Health Pr	romotion,	& Recreation						
GP6438	HIPPY Technical Assistance		Public Service	Home Instruction for Parents of Presch Youngsters (HIPPY) USA	nool Priva	te Co-PI	\$4,382	50%	\$2,191
	1	Totals for	Hull,Darrell						\$2,191
	ı,Arminta Lee								
	A., Co-PI; Middlemiss, W., PI; Hull, D., Co-PI; K	Kinesiolog							
GF40059	HIPPY THV Technical Assistance		Public Service	Texas Department of Family & Protect Services	tive Feder	al Co-PI	\$0	50%	\$0
		Totals for	Jacobson,Arminta L	Lee					\$0
Keller,M	arian Jean								

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GA00002	North Texas Pathway Project	Public Service	Texas Higher Education Coordinating Board	Other	PI	\$1,546	100%	\$1,546
GS00002	Minority Health Research and Education	Research	Texas Higher Education Coordinating Board	State	PI	\$7,113	100%	\$7,113
GS5211	Work-Study Student Mentorship Grant Program	Public Service	Texas Higher Education Coordinating Board	State	PI	-\$24,566	100%	(\$24,566)
	Totals for	Keller,Marian Jean						(\$15,908)
Martin,	Scott B							
Martin, S.	, Co-PI; Collins Jr, J., PI; Kinesiology, Health Promotion,	& Recreation						
GP20021	Girls in the Game - Teen Squad	Instruction	Girls in the Game	Privat	e Co-PI	\$1,620	10%	\$162
		Martin,Scott B						\$162
	,Brian Keith							
Mcfarlin,	B., Co-PI; Kinesiology, Health Promotion, & Recreation; I	und, A., PI; Mcfarlin	-					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	al Co-PI	\$10,835	18%	\$1,950
Mcfarlin,	B., PI; Olson, R., Co-PI; Kinesiology, Health Promotion, &	Recreation; Mcfarli	n, B., PI; Biological Sciences					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Management in Overweight/Obese Women	Research	Nu Science	Privat	e PI	\$10,000	81%	\$8,100
Mcfarlin,	B., PI; Bowman, E., Co-PI; Vingren, J., Co-PI; Olson, R.,	Co-PI; Kinesiology, H	Health Promotion, & Recreation; Mc,	farlin, B., PI	: Vingren	a, J., Co-PI; Bio	ological Sciences	S
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Privat	e PI	\$320	58.5%	\$187
Mcfarlin,	B., PI; Olson, R., Co-PI; Nite, K., Co-PI; Vingren, J., Co-P	I; Bowman, E., Co-P	I; Vingren, J., Co-PI; Kinesiology, H	lealth Promo	tion, & F	Recreation; Mcf	arlin, B., PI; Vii	ngren
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Privat		\$56,012		\$17,644
Mcfarlin.	B., PI; Bowman, E., Co-PI; Kinesiology, Health Promotion	. & Recreation: Mcfa	rlin. B., PI: Biological Sciences					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Privat	e PI	\$12,999	67.5%	\$8,774
		Mcfarlin,Brian Keit				. ,		\$36,656
Middlen	niss, Wendy	,						
	ss, W., PI; Hull, D., Co-PI; Jacobson, A., Co-PI; Kinesiolog	gy, Health Promotion	, & Recreation					
GF40059	HIPPY THV Technical Assistance	Public Service	Texas Department of Family & Protec Services	tive Feder	al PI	\$0	50%	\$0

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	•	Recognition %	Recognition Amount
Middlemis	ss, W., PI; Hull, D., Co-PI; Kinesiology, Health Pro	omotion, e	& Recreation						
GP6438	HIPPY Technical Assistance		Public Service	Home Instruction for Parents of Pre Youngsters (HIPPY) USA	eschool Priva	te PI	\$4,382	50%	\$2,191
	Т	Totals for	Middlemiss, Wendy						\$2,191
Nite,Kri	stofer Calvin								
Nite, K., C	Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Vingren,	J., Co-PI,	Bowman, E., Co-P.	I; Vingren, J., Co-PI; Kinesiology	, Health Promo	otion, & F	Recreation; Mcf	arlin, B., PI; Vin	igren
GP50006	Does Daily Supplementation With Glutathione Alter Im Upper Respiratory Tract Infection, and Oxidative Stress Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	10%	\$5,601
	Т	Totals for	Nite,Kristofer Calvin	1					\$5,601
Olson,R	yan Lee								
Olson, R.,	Co-PI; Mcfarlin, B., PI; Kinesiology, Health Prom	notion, & I	Recreation; Mcfarli	n, B., PI; Biological Sciences					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Ma in Overweight/Obese Women	anagement	Research	Nu Science	Priva	te Co-PI	\$10,000	10%	\$1,000
Olson, R.,	Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Ving	gren, J., Co	o-PI; Kinesiology, H	Iealth Promotion, & Recreation; I	Mcfarlin, B., Pl	; Vingrer	, J., Co-PI; Bio	logical Sciences	
GP00026	Does 90-days of Megasporebiotic Supplementation Red Post-Prandial Responses to a High-Fat Meal?	duce on	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$320	10%	\$32
Olson, R.,	Co-PI; Mcfarlin, B., PI; Nite, K., Co-PI; Vingren,	J., Co-PI;	Bowman, E., Co-P.	I; Vingren, J., Co-PI; Kinesiology	, Health Promo	otion, & I	Recreation; Mcf	arlin, B., PI; Vin	igren
GP50006	Does Daily Supplementation With Glutathione Alter Im Upper Respiratory Tract Infection, and Oxidative Stress Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	10%	\$5,601
	Т	Γotals for	Olson,Ryan Lee						\$6,633
Vingren,	Jakob Langberg								
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Bowman, E., Co-PI; Ols	son, R., Co	o-PI; Kinesiology, H	Iealth Promotion, & Recreation; I	Mcfarlin, B., Pl	; Vingren	, J., Co-PI; Bio	logical Sciences	
GP00026	Does 90-days of Megasporebiotic Supplementation Red Post-Prandial Responses to a High-Fat Meal?	duce on	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$320	13.5%	\$43
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Nite, I	K., Co-PI;	Bowman, E., Co-P.	I; Vingren, J., Co-PI; Kinesiology	, Health Promo	otion, & I	Recreation; Mcf	arlin, B., PI; Vin	ngren
GP50006	Does Daily Supplementation With Glutathione Alter Im Upper Respiratory Tract Infection, and Oxidative Stress Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	28.35%	\$15,879
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Olson, R., Co-PI; Nite, I	K., Co-PI;	Vingren, J., Co-PI,	Bowman, E., Co-PI; Kinesiology	, Health Prome	otion, & I	Recreation; Mcf	arlin, B., PI; Vin	igren
GP50006	Does Daily Supplementation With Glutathione Alter Im Upper Respiratory Tract Infection, and Oxidative Stress Individuals Training for a Half Marathon Race?	nmunity,	Research	Kyowa Hakko Bio Co., Ltd.		te Co-PI	\$56,012	3.15%	\$1,764
	T	Γotals for	Vingren,Jakob Lang	berg					\$17,687
	T	Totals for	Kinesiology, Health	Promotion, & Recreation					\$65,554

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Boyd, R.,	Co-PI; Teacher Education & Administration; Dix	on, R., PI;	Chen, F., Co-PI; A	zad, R., Co-PI; Azad, R., Co-PI; B	Biological Scienc	es; D'So	uza, N., Co-PI;	D'Souza, N., Co	-PI;
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	1	Research	National Science Foundation	Feder	al Co-PI	\$15,702	10%	\$1,570
Boyd, R.,	PI; Gonzalez-Carriedo, R., Co-PI; Teacher Educ	ation & Ad	ministration						
GF20003	Success in Language and Literacy Instruction		Instruction	U.S. Department of Education	Feder	al PI	\$42,934	50%	\$21,467
		Totals for	Boyd,Rossana R						\$23,037
Eddy,C	olleen M								
Eddy, C.,	PI; Harrell, P., Co-PI; Teacher Education & Adn	ninistration	ı; Hughes, L., Co-P	I; Biological Sciences; Quintanilla	a, J., Co <b>-</b> PI; Ma	thematics	S		
GF1557	UNT Science and Mathematics Robert Noyce Scholar	ship	Public Service	National Science Foundation	Feder	al PI	-\$100	51%	(\$51)
		Totals for	Eddy,Colleen M						(\$51)
	ez-Carriedo,Ricardo								
Gonzalez:	c-Carriedo, R., Co-PI; Boyd, R., PI; Teacher Educ	ation & Ad	ministration						
GF20003	Success in Language and Literacy Instruction		Instruction	U.S. Department of Education	Feder	al Co-PI	\$42,934	50%	\$21,467
		Totals for	Gonzalez-Carriedo	,Ricardo					\$21,467
,	,Pamela Esprivalo								
	P., Co-PI; Eddy, C., PI; Teacher Education & Adn								
GF1557	UNT Science and Mathematics Robert Noyce Scholar	•	Public Service	National Science Foundation	Feder	al Co-PI	-\$100	35%	(\$35)
			Harrell,Pamela Esp						(\$35)
		Totals for	Teacher Education						\$44,418
		Totals for	College of Education	on					\$189,928
C - 11									
_	of Engineering								
_	of Engineering ical Engineering								
_	ical Engineering								
Biomedi Yang,Yo	ical Engineering	tion of	Research	National Institutes of Health	Feder	al PI	\$9,607	100%	\$9,607
<b>Biomedi Yang,Yo</b> GF00009	ong  Biomimetic Alveolar Interstitium Model for Investiga		Research	National Institutes of Health  National Science Foundation	Feder Feder		\$9,607 \$4,421	100%	\$9,607 \$4,421
<b>Biomedi Yang,Yo</b> GF00009	ong  Biomimetic Alveolar Interstitium Model for Investiga Nanomaterials-induced Fibrogenesis  UNS: Nanotopographical Memory Modulates Stem C	ell Fate					ŕ		
<b>Biomedi Yang,Yo</b> GF00009 GF30045	ong  Biomimetic Alveolar Interstitium Model for Investiga Nanomaterials-induced Fibrogenesis  UNS: Nanotopographical Memory Modulates Stem C	ell Fate	Research				ŕ		\$4,421
Biomedi Yang,Yo GF00009 GF30045 Zhu,Doi	ong  Biomimetic Alveolar Interstitium Model for Investiga Nanomaterials-induced Fibrogenesis  UNS: Nanotopographical Memory Modulates Stem C	ell Fate Totals for	Research Yang,Yong	National Science Foundation			ŕ		\$4,421
<b>Biomedi</b> Yang,Yo GF00009 GF30045 Zhu,Doi	ong  Biomimetic Alveolar Interstitium Model for Investiga Nanomaterials-induced Fibrogenesis  UNS: Nanotopographical Memory Modulates Stem Conghui  PI; Biomedical Engineering; Young, M., Co-PI; M.	ell Fate Totals for Jaterials Sc	Research Yang,Yong	National Science Foundation		al PI	ŕ		\$4,421
Wang,Yo GF00009 GF30045 Zhu,Doi Zhu, D., F	ong  Biomimetic Alveolar Interstitium Model for Investiga Nanomaterials-induced Fibrogenesis  UNS: Nanotopographical Memory Modulates Stem Conghui  PI; Biomedical Engineering; Young, M., Co-PI; M. Novel Surface-Modified Bioresorbable Zinc-Based St	ell Fate Totals for Jaterials Sc	Research <b>Yang,Yong</b> cience & Engineerin	National Science Foundation	Feder	al PI	\$4,421	100%	\$4,421 <b>\$14,028</b>

Project ID	Title	Category	Sponsor	0	PI / Co-PI	-	Recognition %	Recognition Amount
Compute	er Science & Engineering							
Akl,Rob	ert							
Akl, R., C	o-PI; Kavi, K., PI; Computer Science & Engineering							
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Federal	Co-PI	\$10,603	20%	\$2,121
	Totals for	Akl,Robert						\$2,121
Blanco V	Villar,Eduardo							
GF30021	Towards Inter-Sentential Models for Detecting Focus of Negation	Research	National Science Foundation	Federal	PI	\$1,075	100%	\$1,075
Blanco V	illar, E., Co-PI; Takabi, H., PI; Computer Science & Engine	ering						
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Federal	Co-PI	\$6,440	30%	\$1,932
GP00035	Short Text Classification in the Financial Domain	Research	Harvest Exchange Corp.	Private	PI	\$2,542	100%	\$2,542
	Totals for	Blanco Villar,Edu	ardo					\$5,549
Bryce,R	enee Cathryn							
Bryce, R.,	Co-PI; Takabi, H., PI; Computer Science & Engineering							
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Federal	Co-PI	\$6,319	50%	\$3,159
	Totals for	Bryce,Renee Cath	ryn					\$3,159
Dantu,R	Ramanamurthy							
Dantu, R.	, PI; Computer Science & Engineering; Hawamdeh, S., Co-I	PI; Information Sc	ience; Kim, D., Co-PI; Information	ı Technology & De	ecision	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership Through an Integrated Multidisciplinary Doctoral Program in Information Assurance	Instruction	National Science Foundation	Federal	PI	-\$490	50%	(\$245)
	Totals for	Dantu,Ramanamı	ırthy					(\$245)
Do,Hyu	nsook							
GF1746	CAREER: Context-Aware Regression Testing Techniques and Empirical Evaluations of Their Economic Impact	Research	National Science Foundation	Federal	PI	\$5,108	100%	\$5,108
		Do,Hyunsook						\$5,108
Fu,Song		-, 🗸						42,230
GF30011	CSR: Medium: Collaborative Research: Wizard: Exploiting Disk Performance Signatures For Cost Effective Management of Large Scale Storage Systems	Research	National Science Foundation	Federal	PI	\$2,762	100%	\$2,762

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Fu, S., Co	-PI; Kavi, K., PI; Zhao, H., Co-PI; Computer Science & En	gineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Feder	al Co-PI	\$4,249	15%	\$637
Fu, S., PI,	Yang, Q., Co-PI; Computer Science & Engineering							
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Feder	al PI	\$889	50%	\$444
GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems	Research	Los Alamos National Laboratory	Feder	al PI	\$2,762	100%	\$2,762
	Totals for	Fu,Song						\$6,606
Huang,	<sup>7</sup> an							
Huang, Y.	, PI; Yang, Q., Co-PI; Computer Science & Engineering; Z	hong, X., Co-PI; Elect	rical Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute fo Homeland Security at Northeastern University, LLC.	r Feder	al PI	\$13,014	50%	\$6,507
	Totals for	Huang,Yan						\$6,507
Jin,Wei								
GF30025	CAREER: Creation, Visualization, and Mining of Domain Textual Graphs: Integrating Domain Knowledge and Human Intelligence	Research	National Science Foundation	Feder	al PI	\$5,643	100%	\$5,643
	Totals for	Jin,Wei						\$5,643
Kavi,Kr	ishna M							
Kavi, K.,	PI; Akl, R., Co-PI; Computer Science & Engineering							
GF1679	I/UCRC: NSF Net-Centric and Cloud Software and Systems	Research	National Science Foundation	Feder	al PI	\$10,603	80%	\$8,483
Kavi, K.,	PI; Zhao, H., Co-PI; Fu, S., Co-PI; Computer Science & En	gineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Feder	al PI	\$4,249	65%	\$2,762
	Totals for	Kavi,Krishna M						\$11,244
Ludi,Ste	phanie Ann							
Ludi, S., C	Co-PI; Computer Science & Engineering; Boettger, R., PI; T	Technical Communicat	tion; Hoeinghaus, D., Co-PI; Biolog	gical Science	es.			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Feder	al Co-PI	\$2,015	22%	\$443
	Totals for	Ludi,Stephanie Ann						\$443
Mikler,	Armin R							

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
Mikler, A.	., PI; Ramisetty-Mikler, S., Co-PI; Computer Science & Engi	neering; O'Neill II,	M., Co-PI; Institute for Applied Scien	ces; Tiwari	. C., Co-I	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Feder	al PI	\$5,602	25%	\$1,400
Mikler, A.	, PI; Computer Science & Engineering; O'Neill II, M., Co-P.	I; Institute for Appli	ied Sciences					
GF40080	Development and Deployment of Computational Methods to Facilitate Response Planning for POD Placement and Distribution of Medical Counter Measures From Regional RSS Sites to PODs in Texas DSHS Region 6/5S	Research	Texas Department of State Health Serv	ice Feder	al PI	\$35,630	50%	\$17,815
Mikler, A.	, Co-PI; Computer Science & Engineering; O'Neill II, M., P.	I; Institute for Appli	ied Sciences					
GF40102	Providing RE-PLAN to Support Response Planning for Los Angeles County, California	Public Service	Los Angeles County	Feder	al Co-PI	\$18,961	50%	\$9,481
	Totals for	Mikler,Armin R						\$28,696
Oh,Jung	ghwan							
GF50003	Real-Time Feedback to Improve Colonoscopy	Research	University of Minnesota	Feder	al PI	\$11,795	100%	\$11,795
	Totals for	Oh,Junghwan						\$11,795
Ramiset	ty-Mikler,Suhasini							
Ramisetty	-Mikler, S., Co-PI; Mikler, A., PI; Computer Science & Engi	neering; O'Neill II,	M., Co-PI; Institute for Applied Scien	ces; Tiwari	, C., Co-1	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Feder	al Co-PI	\$5,602	25%	\$1,400
	Totals for	Ramisetty-Mikler,S	uhasini					\$1,400
Гакаbi,I	Hassan							
Takabi, H	I., PI; Bryce, R., Co-PI; Computer Science & Engineering							
GF30044	REU Site: Software Assurance and Security in Emerging Technologies: Research Experience for Undergraduates	Research	National Science Foundation	Feder	al PI	\$6,319	50%	\$3,159
Takabi, H	I., PI; Blanco Villar, E., Co-PI; Computer Science & Engine	ering						
GF30050	Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum	Instruction	National Science Foundation	Feder	al PI	\$6,440	70%	\$4,508
GF30053	SaTC: CORE: Small: An Attribute-based Insider Threat Mitigation Framework	Research	National Science Foundation	Feder	al PI	\$8,995	100%	\$8,995
	Totals for	Takabi,Hassan						\$16,663
Γarau,P	aul							
GF1689	SHF: Small: Application of Hereditarily Binary Numbers	Research	National Science Foundation	Feder	al PI	\$518	100%	\$518
	Totals for	Tarau,Paul						\$518
Yang,Qi	ing							

ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30041	NeTS: EAGER: Intelligent Information Dissemination in Vehicular Networks based on Social Computing	Research	National Science Foundation	Federa	al PI	\$6,276	100%	\$6,276
Yang, Q.,	Co-PI; Fu, S., PI; Computer Science & Engineering							
GF30058	REU Site: Vehicular Edge Computing and Security: Research Experience for Undergraduates	Research	National Science Foundation	Federa	al Co-PI	\$889	50%	\$444
Yang, Q.,	Co-PI; Huang, Y., PI; Computer Science & Engineering; Zh	ong, X., Co-PI; Ele	ctrical Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute fo Homeland Security at Northeastern University, LLC.	r Federa	al Co-PI	\$13,014	30%	\$3,904
	Totals for	Yang,Qing						\$10,625
Zhao,H	ui							
Zhao, H.,	Co-PI; Kavi, K., PI; Fu, S., Co-PI; Computer Science & Eng	gineering						
GF30056	MRI Collaborative: Development of ESPRIT - Emerging Systems' Performance and Energy Evaluation Instruments and Testbench	Research	National Science Foundation	Federa	al Co-PI	\$4,249	20%	\$850
	Totals for	Zhao,Hui						\$850
	Totals for	Computer Science &	& Engineering					\$116,684
Electrica	al Engineering							
Acevedo	,Miguel F							24.77
		Research	The Bureau of Reclamation	Federa	al PI	\$6,776	100%	\$6,776
Acevedo	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System	Research Acevedo,Miguel F	The Bureau of Reclamation	Federa	al PI	\$6,776	100%	\$6,776 <b>\$6,776</b>
Acevedo	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System		The Bureau of Reclamation	Federa	al PI	\$6,776	100%	·
Acevedo GF70021 Kaul,Ar	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System Totals for	Acevedo,Miguel F	The Bureau of Reclamation	Federa	al PI	\$6,776	100%	·
Acevedo GF70021 Kaul,Ar	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  Totals for	Acevedo,Miguel F	The Bureau of Reclamation  National Science Foundation		al PI	\$6,776 \$3,393	100%	·
Acevedo GF70021 Kaul, Ar Kaul, A., GF30039	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  nupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor	Acevedo,Miguel F & Engineering Research						\$6,776
Acevedo GF70021 Kaul, Ar Kaul, A., GF30039	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  aupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Acevedo,Miguel F & Engineering Research		Federa				\$6,776
Acevedo GF70021 Kaul, Ar Kaul, A., GF30039 Kaul, A.,	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  Tupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of  EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor  Arrays  PI; Electrical Engineering; Kaul, A., PI; Materials Science of  Electronic and Optical Properties of Two-Dimensional Tise2 &  Nbse2 and Elemental Black Phosphorus	Acevedo,Miguel F  & Engineering Research & Engineering	National Science Foundation  The University of Texas at El Paso	Federa	al PI	\$3,393	20%	<b>\$6,776</b> \$679
Acevedo GF70021 Kaul, Ar Kaul, A., GF30039 Kaul, A.,	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  nupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Electrical Engineering; Kaul, A., PI; Materials Science of Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus  Totals for	Acevedo, Miguel F  & Engineering Research  & Engineering Research	National Science Foundation  The University of Texas at El Paso	Federa	al PI	\$3,393	20%	<b>\$6,776</b> \$679 \$1,077
Acevedo GF70021 Kaul, Ar, GF30039 Kaul, A., GF40066	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  nupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Electrical Engineering; Kaul, A., PI; Materials Science of Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus  Totals for	Acevedo, Miguel F  & Engineering Research  & Engineering Research	National Science Foundation  The University of Texas at El Paso	Federa	al PI	\$3,393	20%	<b>\$6,776</b> \$679 \$1,077
Acevedo GF70021 Kaul, Ar, GF30039 Kaul, A., GF40066	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  nupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Electrical Engineering; Kaul, A., PI; Materials Science of Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus  Totals for  nukun	Acevedo, Miguel F  & Engineering Research  & Engineering Research	National Science Foundation  The University of Texas at El Paso	Federa Federa	al PI	\$3,393	20%	<b>\$6,776</b> \$679 \$1,077
Acevedo GF70021 Kaul, Ar, GF30039 Kaul, A., GF40066 Lin, Yua	Pilot Evaluation of a Sustainable Autonomous Brackish Groundwater Desalination System  Totals for  nupama Bhat  PI; Electrical Engineering; Kaul, A., PI; Materials Science of EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Electrical Engineering; Kaul, A., PI; Materials Science of Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus  Totals for  inkun  I; Electrical Engineering; Lin, Y., PI; Physics  Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Acevedo, Miguel F  & Engineering Research  & Engineering Research  Kaul, Anupama Bha	National Science Foundation  The University of Texas at El Paso	Federa Federa	al PI al PI	\$3,393 \$5,383	20% 20%	\$6,776 \$679 \$1,077 \$1,755

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30002	SHF: Small: Visual Architectures: Engaging Crowds in Design and Discovery for Custom Reconfigurable Devices	Research	National Science Foundation	Fede	ral PI	\$2,048	100%	\$2,048
	Totals for	Mehta,Gayatri						\$2,048
Namudı	ıri,Kameswara Rao							
Namudur	i, K., PI; Electrical Engineering; Andrew, S., Co-PI; Public	Administration						
GF30005	EAGER: Networked Aerial Base Stations For Enabling Emergency Communications During Disaster Recovery	Research	National Science Foundation	Fede	ral PI	-\$1,419	50%	(\$709)
GF40100	UTM for Wildland Fire Management	Research	Unmanned Experts Inc.	Fede	ral PI	\$3,285	100%	\$3,285
	Totals for	Namuduri,Kameswa	ara Rao					\$2,576
Yang,Ta	10							
GF70050	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Fede	ral PI	\$7,636	100%	\$7,636
	Totals for	Yang,Tao						\$7,636
Zhong,X	<b>Kiangnan</b>							
Zhong, X.	, Co-PI; Electrical Engineering; Huang, Y., PI; Yang, Q., O	Co-PI; Computer Scie	ence & Engineering					
GF40092	Advancing Warfighter Technologies In The Area of Expeditionary Cyber: ACRN002, Trust through Machine Learning in Expeditionary Cyber Systems	Research	George J. Kostas Research Institute for Homeland Security at Northeastern University, LLC.	or Fede	ral Co-PI	\$13,014	20%	\$2,603
	Totals for	Zhong,Xiangnan						\$2,603
	Totals for	Electrical Engineeri	ing					\$24,269
Enginee	ring Technology							
Bostanc	i,Huseyin							
GS80008	NPI-UNT Partnership on Nuclear Education, Systems Engineering Initiative, and Outreach Programs	Research	Texas A & M Engineering Experiments	nt State	PI	\$522	100%	\$522
	Totals for	Bostanci, Huseyin						\$522
Huang,7	<b>Zhenhua</b>							
GF40096	CIF21DIBBS: EI: VIFI: Virtual Information-Fabric Infrastructur for Data-Driven Decisions from Distributed Data	e Research	Nova Southeastern University	Fede	ral PI	\$2,044	100%	\$2,044
	Totals for	Huang,Zhenhua						\$2,044
Nasraza	dani,Seifollah							

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Nasrazad	lani, S., Co-PI; Yu, C., Co-PI; Engineering Technology; Mu	kherjee, S., PI; Mis	shra, R., Co-PI; Voevodin, A., Co-PI;	Materials Scien	nce & E	ngineering; Zha	ang, H., Co-PI; I	Mech
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	l Co-PI	-\$17	14.29%	(\$2)
Nasrazad	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Dahotr	e, N., Co-PI; Voevo	odin, A., Co-PI; Mukherjee, S., Co-PI,	; Materials Sci	ence &	Engineering; Zh	hang, H., Co-PI;	Мес
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	l PI	\$6,877	15%	\$1,032
Nasrazad	ani, S., PI; Yu, C., Co-PI; Engineering Technology; Zhang,	H., Co-PI; Mechar	nical & Energy Engineering; Dahotre	e, N., Co-PI; Mı	ukherjee	e, S., Co-PI; Voc	evodin, A., Co-P	<i>I</i> , <i>M</i>
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	l PI	\$705	15%	\$106
	Totals for	Nasrazadani,Seifo	ollah					\$1,135
Nowicki	David Richard							
Nowicki,	D., PI; Engineering Technology; Nowicki, D., PI; Bomba, I	M., Co-PI; Marketir	ng & Logistics; Carroll, M., Co-PI; Ed	conomics				
GF40031	SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation	Federa	l PI	\$33,102	10%	\$3,310
	Totals for	Nowicki, David Ric	chard					\$3,310
Yu,Chei	ng							
Yu, C., Co	o-PI; Nasrazadani, S., Co-PI; Engineering Technology; Mu	kherjee, S., PI; Mis	shra, R., Co-PI; Voevodin, A., Co-PI;	Materials Scien	nce & E	ngineering; Zha	ang, H., Co-PI; I	Mech
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federa	l Co-PI	-\$17	14.29%	(\$2)
Yu, C., Co	o-PI; Nasrazadani, S., PI; Engineering Technology; Dahoti	re, N., Co-PI; Voevo	odin, A., Co-PI; Mukherjee, S., Co-PI,	; Materials Sci	ence & .	Engineering; Zh	hang, H., Co-PI;	Mec
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	l Co-PI	\$6,877	15%	\$1,032
Yu, C., Co	o-PI; Nasrazadani, S., PI; Engineering Technology; Zhang,	H., Co-PI; Mechar	nical & Energy Engineering; Dahotre	, N., Co-PI; Mı	ukherjee	e, S., Co <b>-</b> PI; Voe	evodin, A., Co-P	I; M
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federa	l Co-PI	\$705	15%	\$106
	Totals for	Yu,Cheng						\$1,135
	Totals for	Engineering Tech	nology					\$8,146
Material	ls Science & Engineering							
Aouadi.	Samir M							
,	T., Co-PI; Young, M., PI; Voevodin, A., Co-PI; Berman, D.,	Co-PI: Aouadi. S	Co-PI: Dahotre. N., Co-PI: Materials	s Science & Ens	gineerin	ıg: Aouadi. S., (	Co-PI: Aouadi. S	J., Co
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory		l Co-PI			\$1,559
Aouadi, S	S., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., C	Co-PI; Berman, D	Co-PI; Dahotre, N., Co-PI; Materials	s Science & Ens	gineerin	ıg; Aouadi, S (	Co-PI; Aouadi. S	S., Co
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	`	l Co-PI	· ·		\$390
	Totals for	Aouadi,Samir M						\$1,948
	00 10 11 1 1 1 1						I. 16 1 EX	72010: Page 13 of A

Project ID	Title	Category	Sponsor	Funding PI / Source Co-PI	Expended Re This Period	ecognition %	Recognition Amount
Banerje	e,Rajarshi						
Banerjee,	R., Co-PI; Scharf, T., PI; Materials Science & Engineering						
GF70028	Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	h Federal Co-PI	\$2,673	50%	\$1,337
GF70030	Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications	Research	Air Force Office of Scientific Research	h Federal PI	\$17,177	100%	\$17,177
Banerjee,	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M	., Co-PI; Srivillipu	thur, S., Co-PI; Mukherjee, S., Co-PI;	Scharf, T., Co-PI; Xi	a, Z., Co-PI; Du, J	I., Co-PI; Reid	dy II
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	12%	\$10,521
Banerjee,	R., Co-PI; Dahotre, N., PI; Voevodin, A., Co-PI; Materials	Science & Enginee	ering				
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal Co-PI	\$921	47%	\$433
	Totals for	Banerjee,Rajarshi					\$29,468
Berman,	Diana						
Berman, I	D., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., C	Co-PI; Aouadi, S., C	Co-PI; Dahotre, N., Co-PI; Materials R	Science & Engineerin	g; Aouadi, S., Co-l	PI; Aouadi, S.	, Co
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal Co-PI	\$9,742	25%	\$2,436
	Totals for	Berman,Diana					\$2,436
Choi,Wo	onbong						
Choi, W.,	PI; Materials Science & Engineering; Choi, W., PI; Mechan	nical & Energy Eng	gineering				
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research as Development	nd Federal PI	\$3,014	80%	\$2,411
	Totals for	Choi,Wonbong					\$2,411
Dahotre	Narendra B						
Dahotre, I	N., Co-PI; Voevodin, A., Co-PI; Mukherjee, S., Co-PI; Mate	rials Science & En	gineering; Nasrazadani, S., PI; Yu, C.,	, Co-PI; Engineering	Technology; Zhang	g, H., Co-PI;	Мес
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federal Co-PI	\$6,877	25%	\$1,719
Dahotre, I	N., Co-PI; Mukherjee, S., Co-PI; Voevodin, A., Co-PI; Mate.	rials Science & En	gineering; Nasrazadani, S., PI; Yu, C.,	, Co-PI; Engineering	Technology; Zhan	g, H., Co-PI;	Мес
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federal Co-PI	\$705	25%	\$176
Dahotre, I	N., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M.	, Co-PI; Srivillipu	thur, S., Co-PI; Mukherjee, S., Co-PI;	Scharf, T., Co-PI; Xia	a, Z., Co-PI; Du, J.	, Co-PI; Bane	erjee
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	9%	\$7,891

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Dahotre,	N., PI; Voevodin, A., Co-PI; Banerjee, R., Co-PI; Materials S	Science & Enginee	ering					
GF70046	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	ral PI	\$921	47%	\$433
Dahotre,	N., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Voevodin, A., C	o-PI; Berman, D.,	. Co-PI; Aouadi, S., Co-PI; Materia	als Science & E	ngineerin	g; Aouadi, S., (	Co-PI; Aouadi, S	., <i>Co</i>
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	ral Co-PI	\$9,742	0%	\$0
Dahotre,	N., Co-PI; Mishra, R., PI; Materials Science & Engineering							
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	ral Co-PI	\$9,175	0%	\$0
Dahotre,	N., Co-PI; Mishra, R., PI; Materials Science & Engineering							
GF70049	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	ral Co-PI	\$14,958	0%	\$0
GP50002	Laser Shaping of Biological Hard Tissue and Bone: Fundamentals and Engineering	Research	Australian Institute of Robotic Orthopaedics (AIRO)	Priva	te PI	\$2,000	100%	\$2,000
	Totals for	Dahotre,Narendra	В					\$12,219
D'souza	,Francis							
D'souza,	F., Co-PI; Materials Science & Engineering; Wang, H., PI; I	Oʻsouza, F., Co-PI,	Chemistry					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC	Research	U.S. Department of Energy	Feder	ral Co-PI	\$13,495	8%	\$1,080
		D'souza,Francis						\$1,080
	n,Nandika Anne				D. D. I	. 10.	Dia II a	D.
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Enginee.	_			-			
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation		ral Co-PI	\$15,702		\$251
	N., Co-PI; D'Souza, N., Co-PI; Materials Science & Enginee	_			_			
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	ral Co-PI	\$15,702	0.4%	\$63
D'Souza,	N., PI; Materials Science & Engineering; D'Souza, N., PI; M	echanical & Energ	gy Engineering					
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Feder	ral PI	\$1,106	20%	\$221
		D'Souza,Nandika	Anne					\$535
Du,Jinc	heng							
GF40041	Understanding Fundamental Science Governing the Development and Performance of Nuclear Waste Glasses	Research	Rutgers University - New Brunswi	ck Feder	ral PI	\$7,360	100%	\$7,360
GF40047	Center for Performance and Design of Nuclear Waste Forms and Containers (WastePD)	Research	The Ohio State University	Feder	ral PI	\$14,754	100%	\$14,754
Ofc	of Grants and Contracts Administration University of N	Ianth Tayon				Evnan	ditures March EV	72019: Page 15 of 4

Title	Category	Sponsor				Recognition %	Recognition Amount
-PI; Materials Science & Engineering; Omary, M., OPI; Slaw	ghter III, L., Co	-PI; Chemistry					
Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Feder	ral Co-PI	\$21,263	20%	\$4,253
-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI	; Srivilliputhur,	S., Co-PI; Mukherjee, S., Co-PI; Sch	arf, T., Co-PI;	Xia, Z.,	Co-PI; Banerjee	e, R., Co-PI; Rei	idy II
Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$87,676	8%	\$7,014
AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions	Research	Asahi Glass Co., Ltd. (AGC)	Priva	te PI	\$7,757	100%	\$7,757
Totals for	Du,Jincheng						\$41,138
PI; Materials Science & Engineering; Kaul, A., PI; Electrical	Engineering						
EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays	Research	National Science Foundation	Feder	al PI	\$3,393	80%	\$2,714
PI; Materials Science & Engineering; Kaul, A., PI; Electrical	Engineering						
Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus	Research	The University of Texas at El Paso	Feder	al PI	\$5,383	80%	\$4,307
Totals for	Kaul,Anupama B	hat					\$7,021
Rajiv Sharan							
Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy	Research	National Science Foundation	Feder	ral PI	\$6,011	100%	\$6,011
., Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials S	cience & Engine	eering; Zhang, H., Co-PI; Mechanical	! & Energy En	gineering	; Yu, C., Co <b>-</b> PI	; Nasrazadani, S	S., Co
Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al Co-PI	-\$17	14.29%	(\$2)
Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications	Research	University of Central Florida	Feder	ral PI	\$1,160	100%	\$1,160
Joining R39	Research	American Lightweight Materials Manufacturing Innovation Institute (ALMMII)	Feder	ral PI	\$1,882	100%	\$1,882
Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research	US Army Research Laboratory	Feder	al PI	\$430	100%	\$430
	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives  PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions  Totals for  upama Bhat PI; Materials Science & Engineering; Kaul, A., PI; Electrical EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Electronic and Optical Properties of Two-Dimensional Tise2 & Nbse2 and Elemental Black Phosphorus  Totals for  Rajiv Sharan  Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy  "Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials S Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters  Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications  Joining R39	Totals for Du, Jincheng  Leagure & Engineering; Omary, M., OPI; Slaughter III, L., Co  Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives  PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliputhur, Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions  Totals for Du, Jincheng  upama Bhat  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Arrays  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering Electronic and Optical Properties of Two-Dimensional Tise2 & Research Nbse2 and Elemental Black Phosphorus  Totals for Kaul, Anupama B  Rajiv Sharan  Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy  """, Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials Science & Engine Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters  Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications  Development of Multi-physics Based Hybrid Manufacturing for  Research	-PI; Materials Science & Engineering; Omary, M., OPI; Slaughter III, L., Co-PI; Chemistry  Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives  -PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliptuhur, S., Co-PI; Mukherjee, S., Co-PI; Sch. Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  AGC-UNT collaborative research project on simulations of multicomponent oxide glasses and glass/water reactions  Totals for Du, Jincheng  upama Bhat  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Research National Science Foundation Arrays  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  Electronic and Optical Properties of Two-Dimensional Tise2 & Research The University of Texas at El Paso Nbse2 and Elemental Black Phosphorus  Totals for Kaul, Anupama Bhat  Rajiv Sharan  Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy  Aluminum Alloy  Co-PI; Mukherjee, S., PI; Voevodin, A., Co-PI; Materials Science & Engineering; Zhang, H., Co-PI; Mechanical Engineered Materials and Materials Design of Engineered Research Northeastern University  Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Innovation Institute (ALMMII)  Development of Multi-physics Based Hybrid Manufacturing for Research US Army Research Laboratory	Title Category Sponsor Source  -PI: Materials Science & Engineering: Omary, M., OPI: Slaughter III, L., Co-PI: Chemistry  Ithildin: Metal-Inoganic Frameworks (MIFs) for Remediation and Sensing of Tics, CWAs and Explosives  Feder and Sensing of Tics, CWAs and Explosives  -PI: Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI: Srivilliputhur, S., Co-PI: Mukherjee, S., Co-PI: Scharf, T., Co-PI: Technical Proposal for Advanced Ballistics Technology: A Research Wechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  AGG-UNT collaborative research project on simulations of Research Asahi Glass Co., Ltd. (AGC) Priva multicomponent oxide glasses and glass/water reactions  Totals for Du.Jincheng  upama Bhat  PI: Materials Science & Engineering; Kaul, A., PI: Electrical Engineering  EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Research National Science Foundation Feder Arrays  PI: Materials Science & Engineering; Kaul, A., PI: Electrical Engineering  Electronic and Optical Properties of Two-Dimensional Tise 2 & Research The University of Texas at El Paso Feder National Elemental Black Phosphorus  Totals for Kaul, Anupama Bhat  Rajiv Sharan  Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fatigue in an Ultrafine Grained Aluminum Alloy  "Co-PI: Mukherjee, S., PI: Voevodin, A., Co-PI: Materials Science & Engineering; Zhang, II., Co-PI: Mechanical & Energy Engineered Materials and Materials Design of Engineered Research Northeastern University Feder Materials [EMMDEM): Tactical Shelters  Design-to-Component, Closed-Loop ICME Development of Additive Manufacturing Alloys for Naval Applications  Development of Multi-physics Based Hybrid Manufacturing for Research University Americal Institute (ALMMII)  Development of Multi-physics Based Hybrid Manufacturing for Research US Army Research Laboratory Feder	Title Category Sponsor Source Co-PI  PI, Materials Science & Engineering: Omary, M., OPI; Slaughter III, L., Co-PI; Chemistry  Ithildim: Metal-Inorganic Frameworks (MIPs) for Remediation and Sessing of Tics, CWAs and Explosives  PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliputhur, S., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xla, Z., or Technical Proposal for Advanced Ballistics Technology: A Research  AGC-UNT collaborative research project on simulations of Research Us Army Research Laboratory Federal Co-PI multicomponent oxide glasses and glass water reactions  Totals for Du., Jincheng  upama Bhat  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  EAGER: Black Phosphorus For Tunable Wide Bandwidth Sensor Research National Science Foundation Federal PI  PI; Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  Electronic and Optical Properties of Two-Dimensional Tise2 & Research The University of Texas at El Paso Federal PI  Nbsc2 and Elemental Black Phosphorus  Totals for Kaul, Anupama Bhat  Rajiv Sharaa  Multiscale Fundamental Investigation of Micro Mechanisms of Cyclic Deformation and Fategue in an Ultrafine Grained Aluminum Alloy.  Co-PI: Mukherjee, S., PI; Voevodin, A., Co-PI; Materials Science & Engineering: Zhang, H., Co-PI: Mechanical & Energy Engineering Engineered Materials and Materials Bedging of Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters  Design-to-Component, Closed-Loop ICME Development of Research Anerican Lightweight Materials  Joining R39  Research University of Central Florida Federal PI  Development of Multi-physics Based Hybrid Manufacturing for Research Use Army Research Laboratory Federal PI  Development of Multi-physics Based Hybrid Manufacturing for Research Use Army Research Laboratory Federal PI	### Pf: Materials Science & Engineering: Omary, M., OPI: Slaughter III, L., Co-PI: Chemistry    Pf: Materials Science & Engineering: Omary, M., OPI: Slaughter III, L., Co-PI: Chemistry   Ithildim: Metal-Inorganic Frameworks (MIFs) for Remediation Research Leidos Federal Co-PI \$21,263   Pf: Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI: Strivilliputhur, S., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xa, Z., Co-PI; Banerjee, Pi, Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI; Scharf, T., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xa, Z., Co-PI; Banerjee, Pi, Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI; Scharf, T., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xa, Z., Co-PI; Banerjee, Pi, Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Scharf, T., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xa, Z., Co-PI; Banerjee, Pi, Mishra, R., PI; Voevodin, A., Co-PI; Mishraish Systems for Enhanced Dynamic Performance  ### Pf: Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  ### EAGER: Black Phosphons For Tunable Wide Bandwidth Sensor Research National Science Foundation Federal PI \$3,393  ### Arrays  ### Pf: Materials Science & Engineering; Kaul, A., PI; Electrical Engineering  ### Electronic and Optical Properties of Two-Dimensional Tise2 & Research National Science Foundation Federal PI \$5,383  ### Wallistals Fundamental Investigation of Micro Mechanisms of Cycleic Deformation and Fatigue in an Ultraffine Grained  ### Multistals Fundamental Investigation of Micro Mechanisms of Cycleic Deformation and Fatigue in an Ultraffine Grained  ### Multistals Fundamental Investigation of Engineered Research Northeastern University Federal Co-PI \$1, \$1, \$60,111  ### Design-to-Component, Closel-Loop ICME Development of Mauti-Physics Based Ilybrid Manufacturing for Research National Lightweight Materials  ### Manufacturing Innovation Institute (ALMMI)  ### Development of Multi-Physics Based Ilybrid Manufacturing for Research National Science Lightweight Materials  ###	### Pit Materials Science & Engineering; Comary, M., OPI: Slawphere III. L., Co-PI: Chemistry    Pit Materials Science & Engineering; Comary, M., OPI: Slawphere III. L., Co-PI: Chemistry   Inhidia: Metal-Inorganic Frameworks (MIFs) for Remediation   Research   Leidos   Federal   Co-PI   \$21,263   20%     Additive Manual Peoplesives   Research   Leidos   Federal   Co-PI   \$21,263   20%     Section of TiCs, CWAs and Peoplesives   Research   Leidos   Federal   Co-PI   \$21,263   20%     Section of TiCs, CWAs and Peoplesives   Research   Research   Leidos   Federal   Co-PI   \$81,60   8%     Pit Materials Control of Proformance   Research   Life Manual Component of Materials Systems for     Design of People of People of Systems for   Life Manual Component of Materials Systems for     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     EAGURE Black Phosphorus For Tunable Wide Blandwidth Sensor   Research   National Science Foundation   Federal   PI   \$3,393   80%     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science & Engineering; Kaul, A., P.   Electrical Engineering     Pit Materials Science Foundation   Federal   Pit   \$5,383   80%     Research   National Science Foundation   Federal   Pit   \$6,011   100%     Cyclic Deformation and Farigue in an Ultraffine Grained   Research   National Science Foundation   Federal   Pit   \$6,011   100%     Pit Materials Component, Closed-Loop ICME Development of Additive Manufacturing Innovation Institute   Additive Manufacturing Innovation Institute   Additive Manufacturing Innovation Institute   Additive Manufacturi

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Mishra, R.	., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliputhu	r, S., Co-PI; Mui	kherjee, S., Co-PI; Scharf, T., Co-PI;	Xia, Z., Co-PI	; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	dy II
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral PI	\$87,676	15%	\$13,151
Mishra, R.	, PI; Dahotre, N., Co-PI; Materials Science & Engineering							
GF70048	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$9,175	100%	\$9,175
Mishra, R.	, PI; Dahotre, N., Co-PI; Materials Science & Engineering							
GF70049	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$14,958	100%	\$14,958
	Totals for	Mishra,Rajiv Sha	aran					\$46,766
Mukherj	iee,Sundeep							
Mukherjee	e, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	nemistry					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Feder	al PI	\$11,764	90%	\$10,587
Mukherjee	e, S., PI; Xia, Z., Co-PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	nemistry					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Feder	al PI	\$4,755	80%	\$3,804
Mukherjee	e, S., PI; Mishra, R., Co-PI; Voevodin, A., Co-PI; Materials S	Science & Engine	eering; Zhang, H., Co-PI; Mechanica	al & Energy En	gineering	g; Yu, C., Co <b>-</b> PI	; Nasrazadani, S	S., Co
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al PI	-\$17	28.55%	(\$5)
Mukherjee	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mater	ials Science & E	'ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	gineering	Technology; Zi	hang, H., Co-PI;	Мес
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$6,877	25%	\$1,719
Mukherjee	e, S., Co-PI; Dahotre, N., Co-PI; Voevodin, A., Co-PI; Mater	ials Science & E	'ngineering; Nasrazadani, S., PI; Yu,	C., Co-PI; Eng	gineering	Technology; Zi	hang, H., Co-PI;	Mec
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	ral Co-PI	\$705	25%	\$176
Mukherjee	e, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M	I., Co-PI; Srivilli	iputhur, S., Co-PI; Scharf, T., Co-PI;	Xia, Z., Co-PI	; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	dy II
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$87,676	8%	\$7,014
		Mukherjee,Sund	еер					\$23,296
Reidy III	I,Richard F							
Reidy III,	R., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M.	, Co-PI; Srivillip	uthur, S., Co-PI; Mukherjee, S., Co-I	PI; Scharf, T., 0	Co-PI; Xi	ia, Z., Co-PI; D	и, J., Co-PI; Ваг	nerje
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	8%	\$7,014

Title	Category	Sponsor	Funding PI / Source Co-PI		ecognition %	Recognition Amount
R., Co-PI; Young, M., PI; Materials Science & Engineering	ŗ					
Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Private Co-PI	\$3,410	25%	\$853
Totals for	Reidy III,Richard	F				\$7,867
homas W						
PI; Banerjee, R., Co-PI; Materials Science & Engineering						
Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials	Research	Air Force Office of Scientific Research	h Federal PI	\$2,673	50%	\$1,337
Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M.,	Co-PI; Srivilliputh	ur, S., Co-PI; Mukherjee, S., Co-PI; Xi	ia, Z., Co-PI; Du, J., C	o-PI; Banerjee, R	., Co-PI; Reid	ly II
Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	8%	\$7,014
Totals for	Scharf,Thomas W	,				\$8,351
ıthur,Srinivasan G.						
hur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Youn	g, M., Co-PI; Muk	herjee, S., Co-PI; Scharf, T., Co-PI; Xi	ia, Z., Co-PI; Du, J., C	o-PI; Banerjee, R	., Co-PI; Reia	ly II
Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	8%	\$7,014
Totals for	Srivilliputhur,Srii	nivasan G.				\$7,014
ı,Andrey Aleksejevich						
A., Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials	Science & Engine	ering; Zhang, H., Co-PI; Mechanical &	& Energy Engineering;	Yu, C., Co-PI; No	asrazadani, S.	, Co
Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Federal Co-PI	-\$17	14.29%	(\$2)
A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate	erials Science & En	ngineering; Nasrazadani, S., PI; Yu, C.,	, Co-PI; Engineering T	echnology; Zhang	g, H., Co <b>-</b> PI; I	Мес
Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federal Co-PI	\$6,877	5%	\$344
A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate	erials Science & En	ngineering; Nasrazadani, S., PI; Yu, C.,	, Co-PI; Engineering T	Technology; Zhang	g, H., Co-PI;	Мес
Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Federal Co-PI	\$705	5%	\$35
A., OTHER; Mishra, R., PI; Young, M., Co-PI; Srivilliputh	ur, S., Co-PI; Muk	herjee, S., Co-PI; Scharf, T., Co-PI; Xi	ia, Z., Co-PI; Du, J., C	o-PI; Banerjee, R	., Co-PI; Reia	ly II
Technical Proposal for Advanced Ballistics Technology: A	Research	US Army Research Laboratory	Federal Co-PI	\$87,676	4%	\$3,507
A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials	Science & Engine	ering				
Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal Co-PI	\$921	6%	\$55
A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D.,	Co-PI; Aouadi, S.,	Co-PI; Dahotre, N., Co-PI; Materials &	Science & Engineering	; Aouadi, S., Co-I	PI; Aouadi, S.,	, Co
Advanced Manufacturing, Processing and Characterization of	Research	US Army Research Laboratory	Federal Co-PI	\$9,742	25%	\$2,436
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	R., Co-PI; Young, M., PI; Materials Science & Engineering Characterization of Superconducting Thin Film Materials  Totals for  homas W  PI; Banerjee, R., Co-PI; Materials Science & Engineering Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials  Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for  Athur, Srinivasan G.  Trur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for  A, Andrey Aleksejevich  A., Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters  A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2  A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Mate Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2  A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materials Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2  A., OTHER; Mishra, R., PI; Young, M., Co-PI; Srivilliputh Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D., O	Characterization of Superconducting Thin Film Materials  Totals for Reidy III, Richard homas W  PI; Banerjee, R., Co-PI; Materials Science & Engineering Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials  Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Srivilliputh Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Scharf, Thomas W  Athur, Srinivasan G.  Mur, S., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-PI; Muk Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Scharf, Thomas W  Achandrey Aleksejevich  A., Co-PI; Mukherjee, S., PI; Mishra, R., Co-PI; Materials Science & Engineered Materials and Materials Design of Engineered  Research  A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materials Science & Engineered Materials and Materials Design of Engineered  Materials (EMMDEM); Tactical Shelters; NU Year 2  A., Co-PI; Dahotre, N., Co-PI; Mukherjee, S., Co-PI; Materials Science & Engineered Materials and Materials Design of Engineered  Materials (EMMDEM); Tactical Shelters; NU Year 2  A., OTHER; Mishra, R., PI; Young, M., Co-PI; Srivilliputhur, S., Co-PI; Muk Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Engineered Materials and Materials Design of Engineered  Anterials (EMMDEM); Tactical Shelters; NU Year 2  A., OTHER; Mishra, R., PI; Young, M., Co-PI; Srivilliputhur, S., Co-PI; Muk Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  A., Co-PI; Dahotre, N., PI; Banerjee, R., Co-PI; Materials Science & Engineered  Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials  A., Co-PI; Young, M., PI; Aouadi, S., Co-PI; Berman, D.	Characterization of Superconducting Thin Film Materials  Totals for Reidy III, Richard F  homas W  Pl; Banerjee, R., Co-Pl; Materials Science & Engineering Fundamental Mechanistic Investigations of Novel Additively Manufactured Hybrid Materials  Co-Pl; Mishra, R., Pl; Voevodin, A., OTHER; Young, M., Co-Pl; Srivilliputhur, S., Co-Pl; Mukherjee, S., Co-Pl; XI  Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Scharf, Thomas W  Athur, Srinivasan G.  Mar, S., Co-Pl; Mishra, R., Pl; Voevodin, A., OTHER; Young, M., Co-Pl; Mukherjee, S., Co-Pl; Scharf, T., Co-Pl; XI  Research US Army Research Laboratory  Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Scharf, Thomas W  Athur, Srinivasan G.  Mar, S., Co-Pl; Mishra, R., Pl; Voevodin, A., OTHER; Young, M., Co-Pl; Mukherjee, S., Co-Pl; Scharf, T., Co-Pl; XI  Research US Army Research Laboratory  Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Srivilliputhur, Srinivasan G.  A, Andrey Aleksejevich  A., Co-Pl; Mukherjee, S., Pl; Mishra, R., Co-Pl; Materials Science & Engineering; Zhang, H., Co-Pl; Mechaniscal of Engineered Materials and Materials Design of Engineered  Research Northeastern University  Materials (EMMDEM); Tactical Shelters; NU Year 2  A., Co-Pl; Dahotre, N., Co-Pl; Mukherjee, S., Co-Pl; Materials Science & Engineering; Nasrazadani, S., Pl; Yu, C. Engineered Materials and Materials Design of Engineered  Materials (EMMDEM); Tactical Shelters; NU Year 2  A., OTHER, Mishra, R., Pl; Young, M., Co-Pl; Srivilliputhur, S., Co-Pl; Mukherjee, S., Co-Pl; Scharf, T., Co-Pl; Xi  Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  A, Co-Pl; Dahotre, N., Pl; Banerjee, R., Co-Pl; Materials Science & Engineering  Advanced Manufacturing, Processing and Characterization of Research US Army Research Laboratory  Light Weight and	Characterization of Superconducting Thin Film Materials Research  Totals for Reidy III.Richard F  Fundamental Mechanistic Investigations of Novel Additively Research Air Force Office of Scientific Research Pederal P  Fundamental Mechanistic Investigations of Novel Additively Research Air Force Office of Scientific Research P  Fundamental Mechanistic Investigations of Novel Additively Research Air Force Office of Scientific Research P  Fundamental Mechanistic Investigations of Novel Additively Research Air Force Office of Scientific Research P  Fundamental Mechanistic Investigations of Novel Additively R  Manufactured Hybrid Materials  Co-PI: Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI: Scrivilliputhur, S., Co-PI: Mukherjee, S., Co-PI: Xia, Z., Co-PI: Du, J., C  Technical Proposal for Advanced Ballistics Technology: A Research US Army Research Laboratory Federal Co-PI  Michanism-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Strivilliputhur, Srinivasan G.  A., Co-PI: Mishra, R., PI: Voevodin, A., OTHER; Young, M., Co-PI; Mukherjee, S., Co-PI; Scharf, T., Co-PI; Xia, Z., Co-PI; Da, J., C  Technical Proposal for Advanced Ballistics Technology: A Research US Army Research Laboratory Federal Co-PI  Materials (EMMDEM): Tactical Shelters  A., Co-PI: Mukherjee, S., PI: Mishra, R., Co-PI: Materials Science & Engineering: Nasrazadani, S., PI: Yu, C., Co-PI: Engineering I Research Northeastern University Federal Co-PI  Materials (EMMDEM): Tactical Shelters NU var 2  A., Co-PI: Dahotre, N., Co-PI: Mukherjee, S., Co-PI: Materials Science & Engineering: Nasrazadani, S., PI: Yu, C., Co-PI: Engineering I Research Northeastern University Federal Co-PI  Materials (EMMDEM): Tactical Shelters NU var 2  A., Co-PI: Dahotre, N., Co-PI: Mukherjee, S., Co-PI: Materials Science & Engineering: Northeastern University Federal Co-PI  Materials (EMMDEM): Tactica	Category Sponsor Source Co-Pt This Period  R. Co-Pt: Young, M., Pt: Materials Science & Engineering  Characterization of Superconducting Thin Film Materials  Research  Superconductor Technologies Inc.  Private Co-Pt \$3,410  Rody III,Richard F  Research  Research  Marpire, R., Co-Pt: Materials Science & Engineering  Fendamental Mechanistic Investigations of Novel Additively  Manufactured Hybrid Materials  Research  Air Force Office of Scientific Research  Federal  Pt \$2,673  Research  Co-Pt: Mishra, R., Pt: Voevodin, A., OTHER; Young, M., Co-Pt: Srivilliputhur, S., Co-Pt: Matkherjee, S., Co-Pt: Xia, Z., Co-Pt: Du. J., Co-Pt: Banerjee, R.  Co-Pt: Mishra, R., Pt: Voevodin, A., OTHER; Young, M., Co-Pt: Mukherjee, S., Co-Pt: Scharf, T., Co-Pt: Xia, Z., Co-Pt: Du. J., Co-Pt: Banerjee, R.  Totals for ScharfThomas W  Thurt, Strinivasan G.  Research  Totals for ScharfThomas W  Thurt, Strinivasan G.  Research  Totals for Srivilliputhur, Srinivasan G.  ScharfThomas Performance  Totals for Srivilliputhur, Srinivasan G.  Nandrey Aleksejevich  A., Co-Pt: Materials Science & Engineering: Zhang, H., Co-Pt: Mechanical & Energy Engineering: Yu. C. Co-Pt: Na.  Andrey Aleksejevich  A., Co-Pt: Materials and Materials Design of Engineered  Materials (IMMDEM): Tactical Shelters  A., Co-Pt: Materials (IMMDEM): Tactical Shelters A.  Co-Pt: Materials (IMMDEM): Tactical Shelters A.  Research  Northeastern University  Federal Co-Pt: Sharif Sharif Science & Engineering: Nasrazadani, S., Pt; Yu, C., Co-Pt; Engineering Technology: Zhang Engineered Materials and Materials Design of Engineered  Research  Northeastern University  Federal Co-Pt: Sharif Science & Engineering: Nasrazadani, S., Pt; Yu, C., Co-Pt; Engineering Technology: Zhang Engineered Materials and Materials Design of Engineered  Research  Northeastern University  Federal Co-Pt: Sharif Co-Pt: Sharif Science & Engineering: Nasrazadan	Title Category Sponsor Source Co-Pl This Period "%"  Roc-Pl, Young, M., Pl: Muterials Science & Engineering  Totals for Reidy III, Richard F  Homas W  Pl: Bancripee, R., Co-Pl: Materials Science & Engineering  Rocach  Mechanism-based Approach to Designing Materials Systems for Enhanced Dynamic Performance  Totals for Schart, Thomas W  Ithur, Srinivasan G.  Iur. S., Co-Pl: Mishina, R., Pl: Voevodin, A., OTHER; Young, M., Co-Pl: Mutherjee, S., Co-Pl; Scharf, T., Co-Pl; Xu, Z., Co-Pl; Du, J., Co-Pl: Bancripee, R., Co-Pl: Rein Research  Inchanced Dynamic Performance  Totals for Schart Systems for Enhanced Dynamic Performance  Totals for Schart Systems for Enhanced Dynamic Performance  Totals for Schart Systems for Enhanced Dynamic Performance  Totals for Materials Systems for Enhanced Dynamic Performance  Totals for Materials Systems for Enhanced Dynamic Performance  Totals for Schart Systems for Enhanced Dynamic Performance  Totals for Materials Systems for Enhanced Dynamic Performance  Research Us Army Research Laboratory Federal Co-Pl Strip Strip Strip Systems for Enhanced Dynamic Performance  Research Northeaster University Federal Co-Pl Strip Strip Systems for Enhanced Dynamic Performance  Research Northeaster University Federal Co-Pl Strip Strip Systems for Engineering Strip Systems for Engineering Physiological Engineering Systems for Engineering Physiological Engineering Systems for Engineering Physiological Engineering Systems for Engin

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Voevodin,Andrey	Aleksejevich					\$6,375
Xia,Zhei	nhai							
Xia, Z., Pl	I; Materials Science & Engineering; Xia, Z., PI; Chemistry							
GF1684	Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production	Research	National Science Foundation	Feder	al PI	\$2,151	80%	\$1,721
Xia, Z., Co	o-PI; Mukherjee, S., PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	emistry					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Feder	al Co-PI	\$11,764	1 8%	\$941
Xia, Z., Pl	I; Materials Science & Engineering; Xia, Z., PI; Chemistry							
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Feder	al PI	\$1,551	80%	\$1,241
Xia, Z., Co	o-PI; Mukherjee, S., PI; Materials Science & Engineering; X	ia, Z., Co-PI; Ch	emistry					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasses and Their Composites	Research	National Science Foundation	Feder	al Co-PI	\$4,755	5 16%	\$761
Xia, Z., Co	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-I	PI; Srivilliputhur,	S., Co-PI; Mukherjee, S., Co-PI; Scha	urf, T., Co-PI	; Xia, Z.,	Co-PI; Du, J.,	Co-PI; Banerjee	, R.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	5 1.28%	\$1,122
Xia, Z., Co	o-PI; Mishra, R., PI; Voevodin, A., OTHER; Young, M., Co-I	PI; Srivilliputhur,	S., Co-PI; Mukherjee, S., Co-PI; Scha	urf, T., Co-PI	; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	dy II
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	5.12%	\$4,489
	Totals for	Xia,Zhenhai						\$10,274
Young,N	<b>Tarcus Lynn</b>							
Young, M.	., Co-PI; Materials Science & Engineering; Zhu, D., PI; Bion	nedical Engineer	ing					
GF00010	Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials	Research	National Institutes of Health	Feder	al Co-PI	\$13,622	2 10%	\$1,362
GF40063	Adaptive Aerostructures for Revolutionary Civil Supersonic Technologies Development	Research	Texas A & M Engineering Experimen Station	t Feder	al PI	\$3,904	100%	\$3,904
Young, M.	., Co-PI; Mishra, R., PI; Voevodin, A., OTHER; Srivilliputhu	r, S., Co-PI; Muk	kherjee, S., Co-PI; Scharf, T., Co-PI; X	ia, Z., Co-PI	; Du, J.,	Co-PI; Banerje	e, R., Co-PI; Rei	idy II
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	5 8%	\$7,014
Young, M.	., PI; Aouadi, S., Co-PI; Voevodin, A., Co-PI; Berman, D., C	o-PI; Aouadi, S.,	Co-PI; Dahotre, N., Co-PI; Materials	Science & E	ngineerin	g; Aouadi, S.,	Co-PI; Aouadi, S	S., Co
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al PI	\$9,742	2 25%	\$2,436

Project ID	Title	Category	Sponsor	Funding PI / Source Co-Pl		Recognition %	Recognition Amount
GF70051	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Federal PI	\$8,123	100%	\$8,123
Young, M	., PI; Reidy III, R., Co-PI; Materials Science & Engineering	7					
GP00006	Characterization of Superconducting Thin Film Materials	Research	Superconductor Technologies Inc.	Private PI	\$3,410	75%	\$2,558
GP00017	Characterization of Pb-based Batteries	Research	RSR Technologies, Inc.	Private PI	\$7,227	100%	\$7,227
	Totals for	Young,Marcus Lynn					\$32,624
	Totals for	Materials Science &	Engineering				\$240,821
Mechani	ical & Energy Engineering						
Choi, Ta	e-Youl						
-	Co-PI; Mechanical & Energy Engineering; Neogi, A., PI; K	rokhin, A., Co-PI; Ph	ysics				
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structure with Broken PSymmetry of the Unit Cell		National Science Foundation	Federal Co-F	PI \$16,788	20%	\$3,358
GP50000	Development of a kW-Level Nanocomposites-Based Membrane Heat Pump	Research	Korea Institute of Machinery & Mater (KIMM)	rials Private PI	\$3,752	100%	\$3,752
	Totals for	Choi,Tae-Youl					\$7,110
Choi,Wo	• •						
	PI; Mechanical & Energy Engineering; Choi, W., PI; Mate	_	-				
GF70039	Integrated Flexible Energy System based on Two-Dimensional (2D) Materials	Research	Asian Office of Aerospace Research a Development	and Federal PI	\$3,014	20%	\$603
	Totals for	Choi, Wonbong	•				\$603
D'Souza	,Nandika Anne						
D'Souza,	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engir	neering; Dixon, R., PI	; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-PI; Bio	ological Sciences	; D'Souza, N., C	Co-PI
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federal Co-F	PI \$15,702	1.6%	\$251
D'Souza,	N., Co-PI; D'Souza, N., Co-PI; Mechanical & Energy Engir	neering; Dixon, R., PI	; Chen, F., Co-PI; Azad, R., Co-PI;	Azad, R., Co-PI; Bio	ological Sciences	; D'Souza, N., C	Co-PI
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Federal Co-F	PI \$15,702	6.4%	\$1,005
D'Souza,	N., PI; Mechanical & Energy Engineering; D'Souza, N., PI;	Materials Science &	Engineering				
GF30027	Collaborative Research: Engineering Fully Biobased Foams for the Building Industry	Research	National Science Foundation	Federal PI	\$1,106	80%	\$885
	Totals for	D'Souza,Nandika An	ne				\$2,141
John,Ku	ruvilla						

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended I This Period	Recognition %	Recognition Amount
GP20055	Air Quality Monitoring for Ozone in Corpus Christi	Research	Port Industries of Corpus Christi	Privat	e PI	\$275	100%	\$275
	Totals for	John,Kuruvilla						\$275
Shi,Shel	don Qiang							
Shi, S., Pl	; Zhang, H., Co-PI; Mechanical & Energy Engineering							
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Feder	al PI	\$9,930	50%	\$4,965
GP6506	Development of Natural Fiber Composite Pipe Products	Research	Zhejiang Xinzhou Bamboo Composite	s Privat	e PI	\$3,750	100%	\$3,750
	Totals for	Shi,Sheldon Qiang						\$8,715
Zhang,H	laifeng							
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Mukherjee, S.	, PI; Mishra, R., Co-	PI; Voevodin, A., Co-PI; Materials S	cience & Eng	gineering	g; Yu, C., Co-PI;	Nasrazadani, S	., <i>Co</i>
GF40044	Engineered Materials and Materials Design of Engineered Materials (EMMDEM): Tactical Shelters	Research	Northeastern University	Feder	al Co-PI	-\$17	14.29%	(\$2)
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Nasrazadani,	S., PI; Yu, C., Co-PI	; Engineering Technology; Dahotre, 1	N., Co <b>-</b> PI; V	oevodin,	A., Co-PI; Mukh	erjee, S., Co-P	I; M
GF40071	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$6,877	15%	\$1,032
Zhang, H.	, Co-PI; Mechanical & Energy Engineering; Nasrazadani,	S., PI; Yu, C., Co-PI	; Engineering Technology; Dahotre, .	N., Co-PI; N	lukherjee	e, S., Co-PI; Voev	odin, A., Co-P	I; M
GF40072	Engineered Materials and Materials Design of Engineered Materials (EMMDEM); Tactical Shelters; NU Year 2	Research	Northeastern University	Feder	al Co-PI	\$705	15%	\$106
Zhang, H.	, Co-PI; Shi, S., PI; Mechanical & Energy Engineering							
GF70023	Real time gas monitoring with wireless high temperature sensor for the pyrolysis process of biomass to improve the production efficiency	Research	U.S. Department of Agriculture	Feder	al Co-PI	\$9,930	50%	\$4,965
GP50007	Fabrication of Patterned Electrodes and Harmonic Generation	Research	Wonkwang University	Privat	e PI	\$1,612	100%	\$1,612
	Measurements  Totals for	Thong Holfong						\$7,712
	Totals for	Zhang, Haifeng  Mechanical & Ener	gy Engineering					\$26,556
	Totals for							\$442,764
C-II		Conege of Engineer	ing .					5442,704
_	of Health & Public Service gy & Speech - Language Pathology							
Gopal,K	amakshi V							
Gopal, K.	, PI; Audiology & Speech - Language Pathology; Champlin	a, S., Co-PI; Journali	sm - Academic Departments					
GP20057	Hearing Health Communication Assessment: attitudes, education and prevention of recreational noise-induced hearing loss	Research	Texas Speech Language Hearing Foundation	Privat	e PI	\$1,600	50%	\$800
Office o	f Grants and Contracts Administration, University of	North Tevas				Expend	itures. March FY	2019: Page 21 of 4

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
		Totals for	Gopal,Kamakshi V						\$800
		Totals for	Audiology & Speech	- Language Pathology					\$800
Behavior	Analysis								
Ala'i-Ros	sales,Shahla S								
GP20038	ESATP UNT ABA Development and Training Collab	oration	Public Service	Easter Seals	Privat	e PI	\$6,321	100%	\$6,321
		Totals for	Ala'i-Rosales,Shahla	S					\$6,321
Smith,Ri	chard G								
GS00022	Behavior Analysis Resource Center - Competency Ba	sed Training	Public Service	Texas Health and Human Services Commission	State	PI	\$5,944	100%	\$5,944
GS00026	BARC DSSLC		Public Service	Texas Health and Human Services Commission	State	PI	\$30,469	100%	\$30,469
GS00027	BARC - PBMS Workshops		Public Service	Texas Health and Human Services Commission	State	PI	\$1,311	100%	\$1,311
		Totals for	Smith,Richard G						\$37,724
Vaidya,N	<b>Aanish</b>								
GS80003	Pediatric Radiation Oncology with Movie Induced Se Effect PROMISE	dation	Research	University of Texas Southwestern Med	lical State	PI	\$4,585	100%	\$4,585
		Totals for	Vaidya,Manish						\$4,585
		Totals for	Behavior Analysis						\$48,630
Commun	ication & Professional Programs - General	l							
Thomas,	Cecilia Louise								
GF40094	IV-E University Training Program		Instruction	Texas Department of Family & Protect Services	ive Federa	al PI	\$22,432	100%	\$22,432
		Totals for	Thomas,Cecilia Loui	ise					\$22,432
		Totals for	Communication & P	rofessional Programs - General					\$22,432
Disability	& Addiction Rehabilitation								
Carey,Cl	handra Donnell								
-	Co-PI; Disability & Addiction Rehabilitation; W								
GF10000	Expanding Cultural and Linguistically Appropriate Se Integrated Care and Behavioral Health Settings	ervices into	Public Service	Health Resources & Service Administra	ation Federa	al Co-PI	\$8,763	25%	\$2,191
Office of	f Grants and Contracts Administration, Univ	ersity of I	North Texas				Expen	ditures, March FY	2019: Page 22 of

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Carey, C.,	. Co-PI; Disability & Addiction Rehabilitation; V	Vilson, A., I	PI; Counseling & Hi	gher Education					
GS00014	Cultural and Linguistic Awareness Support Services Counseling (UNT-CLASSIC)	in	Instruction	Texas Higher Education Coordinating Board	State	Co-PI	\$33,741	50%	\$16,870
		Totals for	Carey,Chandra Dor	ınell					\$19,061
Cataland	o,Denise Ellen								
GF0618	Long-Term Training: Rehabilitation Counseling		Public Service	U.S. Department of Education	Feder	al PI	\$2,880	100%	\$2,880
		Totals for	Catalano,Denise Ell	en					\$2,880
Gafford,	Lucy Victoria								
GS00023	DARS CRP Credentialing Project		Public Service	Texas Workforce Commission	State	PI	\$7,463	100%	\$7,463
		Totals for	Gafford,Lucy Victo	ria					\$7,463
Hollowa	y,Linda L								
GP6461	Hogg Foundation Recovery to Practice Training Prog	gram	Public Service	Hogg Foundation for Mental Health	Privat	te PI	\$11,261	100%	\$11,261
		Totals for	Holloway,Linda L						\$11,261
Watts,Ju	ustin Robert								
GP30007	University of North Texas R.E.A.L Choices Program	l	Public Service	National Collegiate Athletic Associatio	on Privat	te PI	\$845	100%	\$845
		Totals for	Watts,Justin Rober	t					\$845
		Totals for	Disability & Addict	ion Rehabilitation					\$41,510
Emergen	ncy Managementt & Disaster Science								
Siebenec	k,Laura Kathryn								
GF30015	CRISP Type 2: Collaborative Research: Critical Tran Resilience and Recovery of Interdependent Social an Networks		Research	National Science Foundation	Feder	al PI	\$2,625	100%	\$2,625
		Totals for	Siebeneck,Laura Ka	athryn					\$2,625
		Totals for	Emergency Manage	ementt & Disaster Science					\$2,625
Public A	dministration								
Andrew,	Simon								
Andrew, S	S., Co-PI; Public Administration; Namuduri, K., I	PI; Electric	al Engineering						
GF30005	EAGER: Networked Aerial Base Stations For Enabli Emergency Communications During Disaster Recover		Research	National Science Foundation	Feder	ral Co-PI	-\$1,419	50%	(\$709)
		Totals for	Andrew,Simon						(\$709)

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Dash, N.,	Co-PI; Webb, G., PI; Public Administration								
GF1693	An Exploratory Study of Disaster Preparedness amo American Communities in the United States	ng Native	Research	National Science Foundation	Federa	al Co-PI	\$4,191	50%	\$2,096
		Totals for	Dash,Nicole						\$2,096
Webb,G	ary R								
Webb, G.,	PI; Dash, N., Co-PI; Public Administration								
GF1693	An Exploratory Study of Disaster Preparedness amo American Communities in the United States	ng Native	Research	National Science Foundation	Federa	al PI	\$4,191	50%	\$2,096
		Totals for	Webb,Gary R						\$2,096
		Totals for	Public Administration	on					\$3,482
		Totals for	College of Health &	Public Service					\$119,479
College o	of Information	-							
Informat	tion Science								
 Chandle	er,Yvonne J								
	Y., PI; Information Science; Halbert, M., OTHI	ER; Univers	ity Library - General						
GF2694	Library Education for the US-Affiliated Pacific: A P Strengthen the Digital Future of the Pacific (LEAP I		Instruction	Institute of Museum and Library Service	ces Federa	al PI	\$531	75%	\$398
		Totals for	Chandler, Yvonne J						\$398
Hawamo	deh,Suliman M								
Hawamde	ch, S., Co-PI; Information Science; Dantu, R., Pi	; Computer	Science & Engineeri	ng; Kim, D., Co-PI; Information Tec	hnology & L	ecision !	Science		
GF1634	SFS-NEW: Advancing Learning and Leadership The Integrated Multidisciplinary Doctoral Program in Integrated Multidisciplinary Doctoral Program in Integrated Multidisciplinary Doctoral Program in Integrated Multidisciplinary		Instruction	National Science Foundation	Federa	al Co-PI	-\$490	25%	(\$123)
		Totals for	Hawamdeh,Suliman	M					(\$123)
Marino .	Jr.,John Lewis								
Marino Jr	., J., PI; Schultz-Jones, B., Co-PI; Information S	Science							
GF70043	Preparing Librarians for Data Literacy Leadership		Research	Institute of Museum and Library Service	es Federa	ıl PI	\$8,316	50%	\$4,158
		Totals for	Marino Jr.,John Lev	vis					\$4,158
Schultz-	Jones,Barbara A								
C 1 1. I	ones, B., Co-PI; Marino Jr., J., PI; Information S	Science							
Schultz-Jo	mes, b., co-1 1, maino 51., 5., 1 1, mjormanon k							500/	\$4,158
S <i>chultz-Jo</i> GF70043	Preparing Librarians for Data Literacy Leadership		Research	Institute of Museum and Library Service	es Federa	ıl Co-PI	\$8,316	50%	
		Totals for	Research Schultz-Jones,Barba	•	ees Federa	al Co-PI	\$8,316	30%	\$4,158
GF70043		Totals for		•	ees Federa	ıl Co-PI	\$8,316	30%	\$4,158
GF70043 <b>Zavalina</b>	Preparing Librarians for Data Literacy Leadership		Schultz-Jones,Barba	ra A	ees Federa	al Co-PI	\$8,316	30%	\$4,158
GF70043 <b>Zavalina</b>	Preparing Librarians for Data Literacy Leadership  A,Oksana Lvivna	I; Digital Li	Schultz-Jones,Barba	ra A		al Co-PI	\$8,316 \$2,310		<b>\$4,158</b> \$770

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
	Totals for	Information Science	;					\$9,362
Learning	g Technologies							
Christen	sen,Rhonda R							
Christense	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Federa	l Co-PI	\$5,123	33%	\$1,691
Christense	en, R., Co-PI; Tyler-Wood, T., PI; Knezek, G., Co-PI; Learn	ing Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federa	l Co-PI	\$82	33%	\$27
Christens	en, R., Co-PI; Knezek, G., PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federa	l Co-PI	\$28,491	33%	\$9,402
	Totals for	Christensen,Rhonda	ı R					\$11,120
Knezek,	Gerald							
Knezek, G	G., PI; Christensen, R., Co-PI; Tyler-Wood, T., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Federa	l PI	\$5,123	34%	\$1,742
Knezek, G	G., Co-PI; Tyler-Wood, T., PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federa	l Co-PI	\$82	33%	\$27
Knezek, G	G., PI; Tyler-Wood, T., Co-PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federa	l PI	\$28,491	34%	\$9,687
	Totals for	Knezek,Gerald						\$11,456
Tyler-W	ood,Tandra L							
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF1666	Going Green! Middle Schoolers Out to Save the World (MSOSW)	Research	National Science Foundation	Federa	l Co-PI	\$5,123	33%	\$1,691
Tyler-Woo	od, T., PI; Knezek, G., Co-PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF1727	Strategies: Collaborative Research: American Innovations in an Age of Discovery: Teaching Science and Engineering through 3D-printed Historical Reconstructions	Research	National Science Foundation	Federa	l PI	\$82	34%	\$28
Tyler-Woo	od, T., Co-PI; Knezek, G., PI; Christensen, R., Co-PI; Learn	ing Technologies						
GF70011	NASA STEM Research	Research	National Aeronautics & Space Administration	Federa	l Co-PI	\$28,491	33%	\$9,402
	Totals for	Tyler-Wood,Tandra	ıL					\$11,121
	Totals for	Learning Technolog	ties					\$33,697

	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Linguist	ics							
Chelliah	,Shobhana L							
GF30014	Dene/Athabaskan Language Conference and Workshop 2017	Research	National Science Foundation	Federa	al PI	\$246	100%	\$246
Chelliah,	S., PI; Linguistics; King, K., Co-PI; Meernik, J., Co-PI; Pol	itical Science						
GF30024	Political Instability and Language Endangerment	Research	National Science Foundation	Federa	al PI	\$1,361	50%	\$681
Chelliah,	S., Co-PI; Linguistics; Zavalina, O., PI; Information Science	e; Phillips, M., Co-F	PI; Digital Libraries					
GF70044	Exploring Methods and Techniques for Facilitating Access to Digital Language Archives	Research	Institute of Museum and Library Service	es Federa	al Co-PI	\$2,310	33.33%	\$770
	Totals for	Chelliah,Shobhana	L					\$1,697
Munshi.	Sadaf							
GF30057	Investigation of Tonogensis and Consonant Inventories Through Language Documentation	Research	National Science Foundation	Federa	al PI	\$7,215	100%	\$7,215
	Totals for	Munshi,Sadaf						\$7,215
	Totals for	Linguistics						\$8,912
	Totals for	College of Informat	ion					\$51,971
College <i>Econom</i>	of Liberal Arts & Social Sciences  ics							
Econom Carroll,	ics  Michael Charles  A., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I				l C N	622 102	00/	0.0
Econom Carroll,	ics Michael Charles	Marketing & Logisti Research	cs; Nowicki, D., PI; Engineering Tech Texas Department of Transportation		al Co-PI	\$33,102	0%	\$0
Econom Carroll,	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER		Texas Department of Transportation		al Co-PI	\$33,102	0%	\$0 <b>\$0</b>
Econom Carroll,	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE	Research	Texas Department of Transportation		ıl Co-PI	\$33,102	0%	
Econom Carroll,	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for	Research  Carroll, Michael Ch	Texas Department of Transportation		al Co-PI	\$33,102	0%	\$0
Econom Carroll, A GF40031  Geograp	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for	Research  Carroll, Michael Ch	Texas Department of Transportation		al Co-PI	\$33,102	0%	\$0
Econom Carroll, A GF40031  Geograp	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I  SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for	Research  Carroll, Michael Ch	Texas Department of Transportation			\$33,102 \$304	100%	\$0
Econom Carroll, Carroll, GF40031 Geograp Fry,Mat	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for  Totals for  Policy Implications of Trans-National Shale Development in	Research  Carroll,Michael Ch  Economics  Research	Texas Department of Transportation  arles  Southern Methodist University	Feder				\$0
Econom Carroll, A Carroll, A GF40031  Geograp Fry, Mat	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for  Totals for  Policy Implications of Trans-National Shale Development in Texas and Mexico	Research  Carroll,Michael Ch  Economics  Research	Texas Department of Transportation  arles  Southern Methodist University	Feder				\$0 \$0 \$304
Econom Carroll, A Carroll, A GF40031  Geograp Fry, Mat GP20064  Oppong	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for  Totals for  Policy Implications of Trans-National Shale Development in Texas and Mexico  Totals for	Research  Carroll,Michael Ch  Economics  Research	Texas Department of Transportation  arles  Southern Methodist University	Feder				\$0 \$0 \$304
Econom Carroll, A GF40031  Geograp	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; I  SUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for Totals for	Research  Carroll, Michael Ch	Texas Department of Transportation		al Co-PI	\$33,102	0%	
arroll, Arroll	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; ESUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for	Research  Carroll,Michael Ch  Economics  Research	Texas Department of Transportation  arles  Southern Methodist University	Feder				\$6
Econom Carroll, Carroll, GF40031 Geograp Fry,Mat GP20064 Oppong	Michael Charles  M., Co-PI; Economics; Nowicki, D., PI; Bomba, M., Co-PI; ESUPPORT OF IMPLEMENTING THE FIXING AMERICA'S SURFACE TRANSPORTATION ACT AND THE BORDER TRADE ADVISORY COMMITTEE  Totals for	Research  Carroll,Michael Ch  Economics  Research	Texas Department of Transportation  arles  Southern Methodist University	Federa				\$ \$30

ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Oppong,Joseph R						\$795
Ponette,	Alexandra Gisela							
GF30000	CAREER: Intra-Urban Variability in Black Carbon Deposition: Rates, Pathways, and Determinants	Research	National Science Foundation	Federa	al PI	\$7,641	100%	\$7,641
	Totals for	Ponette,Alexandra (	Gisela					\$7,641
Гiwari,С	Chetan							
Tiwari, C.	, Co-PI; Geography; Mikler, A., PI; Ramisetty-Mikler, S., C	o-PI; Computer Scie	ence & Engineering; O'Neill II, M	., Co-PI; Institu	te for Ap	plied Sciences		
GF00007	Minimizing Access Disparities in Bio-Emergency Response Planning	Research	National Institutes of Health	Federa	al Co-PI	\$5,602	25%	\$1,400
	Totals for	Tiwari,Chetan						\$1,400
Williams	s,Harry F L							
GF30040	RAPID: Collaborative Research: Tracking Hurricane Harvey's Storm Surge and Flood Sedimentation	Research	National Science Foundation	Federa	ıl PI	\$73	100%	\$73
	Totals for	Williams,Harry F L						\$73
	Totals for	Geography						\$10,213
	hu 0 Dalinian Ctudian							
Philosop	hy & Religion Studies							
Jimenez,	Jaime Enrique	enez. J PI: Kennedy	v. J Co-PI: Biological Sciences					
Jimenez, Jimenez, J	Jaime Enrique  J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jimes  IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's	enez, J., PI; Kennedy Research	y, J., Co-PI; Biological Sciences  National Science Foundation	Federa	ıl PI	\$396	6.8%	\$27
Jimenez, Jimenez, J	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Federa	al PI	\$396	6.8%	
Jimenez, Jimenez, J GF30033	Jaime Enrique  J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime  IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's  Sounternmost Forests  Totals for	-	National Science Foundation	Federa	al PI	\$396	6.8%	\$27 <b>\$27</b>
Jimenez, Jimenez, J GF30033	Jaime Enrique  J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for cardo	Research Jimenez,Jaime Enri	National Science Foundation	Federa	al PI	\$396	6.8%	
Jimenez, J Jimenez, J GF30033 Rozzi,Rie Rozzi, R.,	Jaime Enrique  J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime  IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's  Sounternmost Forests  Totals for	Research Jimenez,Jaime Enri	National Science Foundation		al PI al Co-PI	\$396 \$396		
Jimenez, J Jimenez, J GF30033 Rozzi,Rie Rozzi, R.,	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's	Research  Jimenez, Jaime Enri	National Science Foundation  que  p, J., Co-PI; Biological Sciences					\$27
Jimenez, J Jimenez, J GF30033 Rozzi,Rie Rozzi, R.,	Jaime Enrique  J., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for	Research  Jimenez,Jaime Enri enez, J., PI; Kennedy Research	National Science Foundation  que  p, J., Co-PI; Biological Sciences  National Science Foundation					<b>\$27</b> \$131
Jimenez, J Jimenez, J GF30033 Rozzi, Ri Rozzi, R., GF30033	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  Totals for	Research  Jimenez,Jaime Enri enez, J., PI; Kennedy Research  Rozzi,Ricardo	National Science Foundation  que  p, J., Co-PI; Biological Sciences  National Science Foundation					<b>\$27</b> \$131 <b>\$131</b>
Jimenez, J GF30033  Rozzi,Ri Rozzi, R., GF30033  Political	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  Totals for	Research  Jimenez,Jaime Enri enez, J., PI; Kennedy Research  Rozzi,Ricardo	National Science Foundation  que  p, J., Co-PI; Biological Sciences  National Science Foundation					<b>\$27</b> \$131 <b>\$131</b>
Jimenez, J GF30033  Rozzi,Ri Rozzi, Ri GF30033  Political	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  Totals for  Totals for	Research  Jimenez,Jaime Enri enez, J., PI; Kennedy Research  Rozzi,Ricardo	National Science Foundation  que  p, J., Co-PI; Biological Sciences  National Science Foundation	Federa			33%	<b>\$27</b> \$131 <b>\$131</b>
Jimenez, J Jimenez, J GF30033  Rozzi,Ri Rozzi, R., GF30033  Political : Hensel,P	Jaime Enrique  I., PI; Rozzi, R., Co-PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  cardo  Co-PI; Jimenez, J., PI; Philosophy & Religion Studies; Jime IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests  Totals for  Totals for  Science  Paul Richard  Identity Claims: Expanding the Issue Correlates of War (ICOW)	Research  Jimenez, Jaime Enri  enez, J., PI; Kennedy Research  Rozzi, Ricardo  Philosophy & Religi	National Science Foundation  que  p, J., Co-PI; Biological Sciences National Science Foundation  on Studies  U.S. Office of Naval Research	Federa	ıl Co-PI	\$396	33%	\$27 \$131 \$131 \$158

ID	Title		Category	C	unding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Ishiyama,	J., PI; Political Science; Oppong, J., Co-PI; G	eography							
GF30019	NSF REU program on Conflict Management and Pe	eace Science	Research	National Science Foundation	Federa	al PI	\$1,589	50%	\$795
GP20060	Political Science Pre-Graduate School Workshops		Public Service	The American Political Science Associat	ion Privat	e PI	\$324	100%	\$324
		Totals for	Ishiyama,John T.						\$1,118
King,Ki	mi Lynn								
King, K.,	Co-PI; Meernik, J., Co-PI; Political Science; C	Chelliah, S., P	I; Linguistics						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Federa	al Co-PI	\$1,361	25%	\$340
		Totals for	King,Kimi Lynn						\$340
Meernik	x,James David								
Meernik,	J., Co-PI; King, K., Co-PI; Political Science; C	Chelliah, S., P	I; Linguistics						
GF30024	Political Instability and Language Endangerment		Research	National Science Foundation	Federa	al Co-PI	\$1,361	25%	\$340
		Totals for	Meernik,James David	d					\$340
		Totals for	Political Science						\$7,349
	ogv								
•	thal,Heidemarie								
Blumen			Research	National Institutes of Health	Federa	al PI	\$767	100%	\$767
Blument GF00005	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems	olescents		National Institutes of Health	Federa	al PI	\$767	100%	\$767
GF00005	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ado	olescents PI; Psycholog	zv	National Institutes of Health  National Institutes of Health		al PI al PI	\$767 \$8,075		\$767 \$6,460
Blumenth	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-FA Controlled Test of Interpersonal Rejection, Socia	Diescents PI; Psycholog Il Anxiety, and	zv		Federa			80%	
Blumenth GF00006	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alcohol	Diescents PI; Psycholog Il Anxiety, and	gy Research	National Institutes of Health  National Institutes of Health	Federa	al PI	\$8,075	80%	\$6,460
Blumenth GF00006 GF00012	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alcohol	olescents  PI; Psycholog  I Anxiety, and  ohol  aking	Research Research	National Institutes of Health  National Institutes of Health	Federa	al PI	\$8,075	80%	\$6,460 \$2,946
Blumenth GF00006 GF00012 Kelly,Ki	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-FA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Marian	olescents PI; Psycholog Il Anxiety, and ohol aking Totals for	Research Research	National Institutes of Health  National Institutes of Health	Federa	al PI	\$8,075	80%	\$6,460 \$2,946
Blumenth GF00006 GF00012 Kelly, Ki,	thal, Heidemarie  Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ado al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alcolntoxication on Driving-Related Risky Decision-Matimberly S	olescents PI; Psycholog Il Anxiety, and ohol aking Totals for	Research Research	National Institutes of Health  National Institutes of Health	Federa Federa	al PI	\$8,075	80%	\$6,460 \$2,946
Blumenth GF00005 Blumenth GF00006 GF00012 Kelly, Ki, GF00003	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ado al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-I A Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress Paylor, D., PI; Ruggero, C., Co-PI; Psy Sleep and Vaccine Response in Nurses (SAV-RN)	olescents PI; Psycholog al Anxiety, and ohol aking Totals for ychology	Research Research Research Blumenthal,Heidema	National Institutes of Health  National Institutes of Health  rie	Federa Federa	al PI al PI	\$8,075 \$2,946	80%	\$6,460 \$2,946 <b>\$10,172</b>
Blumenth GF00005  Blumenth GF00006  GF00012  Kelly, Ki, GF00003  Kelly, K.,	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PI A Controlled Test of Interpersonal Rejection, Social Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alcolonication on Driving-Related Risky Decision-Mathematical Stress During Acute Alcolonication on Driving-Related Risky D	olescents PI; Psycholog al Anxiety, and ohol aking Totals for ychology	Research Research Research Blumenthal,Heidema	National Institutes of Health  National Institutes of Health  rie	Federa Federa Federa	al PI al PI	\$8,075 \$2,946	80% 100% 40%	\$6,460 \$2,946 <b>\$10,172</b>
Blumenth GF00005  Blumenth GF00006  GF00012  Kelly, Ki, GF00003  Kelly, K.,	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-FA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress Paylor, D., PI; Ruggero, C., Co-PI; Psy Sleep and Vaccine Response in Nurses (SAV-RN)  Co-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psy	olescents PI; Psycholog al Anxiety, and ohol aking Totals for wchology	Research  Research  Blumenthal,Heidema  Research  Research	National Institutes of Health  National Institutes of Health  rie  National Institutes of Health	Federa Federa Federa	al PI al PI al Co-PI	\$8,075 \$2,946 \$14,532	80% 100% 40%	\$6,460 \$2,946 <b>\$10,172</b> \$5,813 \$3,426
Blumenth GF00005 Blumenth GF00006 GF00012 Kelly, K., GF00003 Kelly, K., GF00004	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ado al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-PA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress During Acute Alco Intoxication on Driving-Related Risky Decision-M	olescents PI; Psycholog al Anxiety, and ohol aking Totals for ychology	Research  Research  Blumenthal,Heidema  Research	National Institutes of Health  National Institutes of Health  rie  National Institutes of Health	Federa Federa Federa	al PI al PI al Co-PI	\$8,075 \$2,946 \$14,532	80% 100% 40%	\$6,460 \$2,946 <b>\$10,172</b> \$5,813
Blumenth GF00005  Blumenth GF00006  GF00012  Kelly, Ki, GF00003  Kelly, K., GF00004  Ruggero	Modeling Marijuana Use Willingness and Problems of Social Rejection and Social Anxiety Among Ade al, H., PI; Ruggero, C., Co-PI; Taylor, D., Co-FA Controlled Test of Interpersonal Rejection, Socia Alcohol Use among Female Adolescents  Effect of Trauma-Related Stress During Acute Alco Intoxication on Driving-Related Risky Decision-Mathematical Stress Paylor, D., PI; Ruggero, C., Co-PI; Psy Sleep and Vaccine Response in Nurses (SAV-RN)  Co-PI; Taylor, D., PI; Ruggero, C., Co-PI; Psy	oblescents PI; Psycholog al Anxiety, and ohol aking Totals for wchology Totals for	Research  Research  Blumenthal,Heidema  Research  Research	National Institutes of Health  National Institutes of Health  rie  National Institutes of Health	Federa Federa Federa	al PI al PI al Co-PI	\$8,075 \$2,946 \$14,532	80% 100% 40%	\$6,460 \$2,946 <b>\$10,172</b> \$5,813 \$3,426

Project ID	Title	Category	Sponsor 1	Funding PI / Source Co-PI	-	Recognition %	Recognition Amount
Ruggero,	C., Co-PI; Taylor, D., PI; Kelly, K., Co-PI; Psycholo	gy					
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal Co-P	I \$8,564	20%	\$1,713
Ruggero,	C., Co-PI; Blumenthal, H., PI; Taylor, D., Co-PI; Ps	ychology					
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxi Alcohol Use among Female Adolescents	ety, and Research	National Institutes of Health	Federal Co-P	I \$8,075	5%	\$404
	Tot	als for Ruggero, Camilo					\$5,023
Taylor,I	Daniel						
Taylor, D	., PI; Ruggero, C., Co-PI; Kelly, K., Co-PI; Psycholo	gy					
GF00003	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal PI	\$14,532	40%	\$5,813
Taylor, D	., PI; Kelly, K., Co-PI; Ruggero, C., Co-PI; Psycholo	gy					
GF00004	Sleep and Vaccine Response in Nurses (SAV-RN)	Research	National Institutes of Health	Federal PI	\$8,564	40%	\$3,426
Taylor, D	., Co-PI; Blumenthal, H., PI; Ruggero, C., Co-PI; Ps	ychology					
GF00006	A Controlled Test of Interpersonal Rejection, Social Anxi Alcohol Use among Female Adolescents	ety, and Research	National Institutes of Health	Federal Co-P	I \$8,075	15%	\$1,211
GF4287	CAP-Treatment of Comorbid Sleep Disorders and PTSD	Research	University of Texas Health Science Cen at San Antonio	nter Federal PI	\$13,097	100%	\$13,097
GF70026	Web-Based Provider Training for Cognitive Behavioral T of Insomnia (CBTi)	herapy Research	U.S. Department of Defense- CDMRP	Federal PI	\$32,462	100%	\$32,462
	Tot	als for Taylor,Daniel					\$56,008
	Tot	als for Psychology					\$80,442
Technic	al Communication						
	<b>;Ryan K</b> R., PI; Technical Communication; Ludi, S., Co-PI; C	Computer Science & Fnai	neerina: Hoeinahaus D. Co-Pl: Riologi	ical Sciences			
GF30034	Collaborative Research: Evaluating a Data-Driven Approx Teaching Technical Writing to STEM Majors		National Science Foundation	Federal PI	\$2,015	56%	\$1,128
		als for Boettger,Ryan K					\$1,128
Montler	Timothy Robert						
GF70001	Saanich (str-saa) Texts and Grammar	Research	National Endowment for the Humanitie	s Federal PI	\$2,417	100%	\$2,417
		als for Montler, Timothy					\$2,417
	Tot	als for Technical Comm	unication				\$3,545
World L	anguage, Literature, & Cultures						
Filosofo	va,Tatiana Vladimirovna						

Project ID	Title	Category	Sponsor	Funding Source		Expended R This Period	Recognition %	Recognition Amount
GF70035	STARTALK: 2018 Welcome to My World- Summer School Proposal 2018 (Russian and Chinese), UNT Campus	Instruction	National Security Agency	Federa	l PI	\$740	100%	\$740
	Totals for	Filosofova, Tatian	a Vladimirovna					\$740
	Totals for	World Language,	Literature, & Cultures					\$740
	Totals for	College of Liberal	Arts & Social Sciences					\$102,448
_	of Merchandising, Hospitality & Tourism  Idising & Digital Retailing							
Xu,Buga	10							
GP20013	On-Loom Fabric Defect Inspection Using Contact Image Sensors	Research	Wal-mart Foundation, Inc.	Private	e PI	\$4,305	100%	\$4,305
GP20061	GN19-0104_Xu	Research	Cotton Incorporated	Private	e PI	\$1,982	100%	\$1,982
GP20062	Detection of plastic contaminants in cotton ginning process using NIR optoelectronic technology	Research	Cotton Incorporated	Private	e PI	\$4,742	100%	\$4,742
	Totals for	Xu,Bugao						\$11,029
	Totals for	Merchandising &	Digital Retailing					\$11,029
	Totals for	College of Mercha	andising, Hospitality & Tourism					\$11,029
College	of Science							
Advance	d Environmental Research							
Kennedy	,James H							
GF40024	Aquatic herpetofaunal and Macroinvertebrate Inventory of Camp Maxey in North-East Texas	Research	Texas Adjutant Generals Department	Federa	l PI	\$3,287	100%	\$3,287
GP40012	Surveillance of Mosquitoes and Arboviruses Including West Nile Virus in the City of Denton during the 2018 Mosquito Season	Research	City of Denton	Private	e PI	\$2,115	100%	\$2,115
	Totals for	Kennedy,James H	I					\$5,401
	Totals for	Advanced Enviro	nmental Research					\$5,401
Biologica	al Sciences							
Alonso,	Ana paula							
GF10503	Systems Approach to Understanding and Improving Industrial Oi Biosynthesis in an Emerging Crop Physaria fendleri	l Research	U.S. Department of Agriculture	Federa	l PI	\$8,100	100%	\$8,100
Office o	f Grants and Contracts Administration, University of	North Texas				Expendi	tures, March FY	72019: Page 30 of 4

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
GF40090	Collaborative Research : Dimensions : Secondary Metabolites as Drivers of Fungal Endophyte Community Diversity	Research	The Ohio State University	Feder	al PI	\$8,300	100%	\$8,300
GF70041	Development of Resources and Tools to Improve Oil Content and Quality in Pennycress	Research	U.S. Department of Energy	Feder	al PI	\$10,652	100%	\$10,652
GP10003	Developing and Characterizing Soybean Cultivars With Increased Oil While Maintaining Protein and Yield		The Ohio State University	Privat	te PI	\$7,417	100%	\$7,417
Atkinson	Totals for n,Samuel F	Alonso,Ana paula						\$34,469
GF40064	Aquatic Vegetation Monitoring and Management, Lamar Lake, Lake Neff, and LeMoore Lake, Camp Maxey, TX	Research	Texas Adjutant Generals Department	Feder	al PI	\$1,372	100%	\$1,372
GP40007	Ecosystem Management of Big Spring, Dallas, Texas  Totals for	Research Atkinson,Samuel F	City of Dallas	Privat	te PI	-\$911	100%	(\$911) <b>\$461</b>
Ayre,Bri	ian G							
GF1748	Unraveling the Link Between Carbohydrate Transport and Phosphate Use: Can We Improve Carbon Partitioning and Reduce Nutrient Use?	Research	National Science Foundation	Feder	al PI	\$10,042	100%	\$10,042
Ayre, B., I	PI; McGarry, R., Co-PI; Biological Sciences							
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Privat	te PI	-\$702	50%	(\$351)
Ayre, B., I	PI; McGarry, R., Co-PI; Biological Sciences							
GP20065	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Privat	te PI	\$4,033	50%	\$2,017
	Totals for	Ayre,Brian G						\$11,707
Azad,Ra	jeev Kumar							
	Co-PI; Jagadeeswaran, P., PI; Biological Sciences; Azad, R	., Co-PI; Mathematic	cs					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Feder	al Co-PI	\$6,053	6%	\$363
Azad, R.,	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biod	logical Sciences; D'S	Souza, N., Co-PI; D'Souza, N., Co-P	PI; Mechanica	ıl & Ener	gy Engineering,	D'Souza, N., C	o-PI
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$15,702	3.6%	\$565
Azad, R.,	Co-PI; Dixon, R., PI; Chen, F., Co-PI; Azad, R., Co-PI; Biod	logical Sciences; D'S	Souza, N., Co-PI; D'Souza, N., Co-P	PI; Mechanica	ıl & Ener	gy Engineering,	D'Souza, N., C	o-PI
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$15,702	2.4%	\$377

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
	Totals for	Azad,Rajeev Kumar						\$1,305
Burggre	n,Warren W							
Burggren,	W., PI; Padilla, P., Co-PI; Biological Sciences							
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	National Science Foundation	Feder	al PI	\$3,130	60%	\$1,878
GF70045	High-Throughput Neurotoxicity Screening of Chemical Compounds Service	Research	U.S. Army	Feder	al PI	\$6,745	100%	\$6,745
Burggren,	W., PI; Jagadeeswaran, P., Co-PI; Biological Sciences							
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Privat	e PI	\$5,436	60%	\$3,262
Burggren,	W., Co-PI; Roberts, A., PI; Mager, E., Co-PI; Crossley II, I	D., Co-PI; Biological	Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medic	rine Privat	e Co-PI	\$38,022	25%	\$9,506
GP6498	Developmental Implications of Vertebrate Blastocyst Disassembly and Reassembly	Research	Dallas IVF	Privat	e PI	\$4,705	100%	\$4,705
	Totals for	Burggren,Warren W						\$26,095
Chapma	n,Kent D							
GF1691	CAREER: Genetic Approach to Identifying Proteins Necessary for Division Plane Orientation During Plant Development	Research	National Science Foundation	Feder	al PI	\$7,895	100%	\$7,895
GF30020	Molecular Targets and Actions of Ethanolamide-Conjugated Oxylipins in Arabidopsis Thaliana	Research	National Science Foundation	Feder	al PI	\$12,572	100%	\$12,572
GF70010	Elucidating the Cellular Machinery for Lipid Storage in Plants	Research	U.S. Department of Energy	Feder	al PI	\$12,692	100%	\$12,692
GP00030	Embryogenic Cell Culture Screening System for Herbicide Tolerance	Research	BASF Plant Science, LP	Privat	e PI	\$11,605	100%	\$11,605
GP20063	Engineering Seed Value in Cotton	Research	Cotton Incorporated	Privat	e PI	\$4,638	100%	\$4,638
	Totals for	Chapman,Kent D						\$49,402
Chen,Fa								
Chen, F.,	Co-PI; Dixon, R., PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio.	logical Sciences; D'Sc						
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al Co-PI	\$15,702	25%	\$3,925

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Chen, F.,	Co-PI; Dixon, R., PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	al Co-PI	\$22,794	50%	\$11,397
	Totals for	Chen,Fang						\$15,322
Crossley	II,Dane Alan							
Crossley I	II, D., Co-PI; Roberts, A., PI; Mager, E., Co-PI; Burggren,	W., Co-PI; Biologica	l Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medi	cine Priva	te Co-PI	\$38,022	25%	\$9,506
	Totals for	Crossley II,Dane Ala	n					\$9,506
Dickstei	n,Rebecca							
GF40073	Research-PGR: Functional genomics of beneficial legume- microbe interactions	Research	Samuel Roberts Noble Foundation, In	c. Feder	al PI	\$3,330	100%	\$3,330
	Totals for	Dickstein,Rebecca						\$3,330
Dixon,R	ichard Arthur							
Dixon, R.,	, PI; Chen, F., Co-PI; Azad, R., Co-PI; Azad, R., Co-PI; Bio	ological Sciences; D'S	Souza, N., Co-PI; D'Souza, N., Co-P	I; Mechanic	al & Ener	gy Engineering	D'Souza, N., C	o-PI
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Feder	al PI	\$15,702	45%	\$7,066
Dixon. R.	, PI; Chen, F., Co-PI; Biological Sciences							
GF40068	Center for Bioenergy Innovation: Lignin in Planta Design and Diversity	Research	UT-Battelle, LLC	Feder	al PI	\$22,794	50%	\$11,397
GF4293	Botanicals Dietary Supplement Research Center- Dietary Polyphenols in the Preservation and Promotion of Cognitive Wellness and Psychological Resiliency	Research	Mount Sinai School of Medicine	Feder	al PI	\$18,681	100%	\$18,681
GP6331	Molecular Approaches to Improved Protein Utilization in Alfalfa	Research	Forage Genetics International	Priva	te PI	\$11,431	100%	\$11,431
GP6433	Condensed Tannin Expression in Row Crops	Research	Grasslanz Technology Limited (GTL)	Priva	te PI	\$9,659	100%	\$9,659
	Totals for	Dixon,Richard Arthu	ır					\$58,234
Hoeingh	aus,David Joseph							
Hoeingha	us, D., Co-PI; Biological Sciences; Boettger, R., PI; Techni	cal Communication;	Ludi, S., Co-PI; Computer Science d	& Engineerin	g			
GF30034	Collaborative Research: Evaluating a Data-Driven Approach to Teaching Technical Writing to STEM Majors	Research	National Science Foundation	Feder	al Co-PI	\$2,015	22%	\$443
	Totals for	Hoeinghaus,David Jo	oseph					\$443
Hughes.	Lee E							

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Hughes, I	L., Co-PI; Biological Sciences; Eddy, C., PI; Harrell, P., Co	-PI; Teacher Educat	tion & Administration; Quintanilla, J.,	Co-PI; Ma	thematics	•		
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Feder	al Co-PI	-\$100	6%	(\$6)
Hughes, I	L., PI; Padilla, P., Co-PI; Biological Sciences							
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Feder	al PI	\$33	66.67%	\$22
	Totals for	Hughes,Lee E						\$16
Jagadee	swaran,Pudur							
Jagadeesi	waran, P., PI; Azad, R., Co-PI; Biological Sciences; Azad, I	R., Co-PI; Mathemat	ics					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Feder	al PI	\$6,053	90%	\$5,448
Jagadeesı	waran, P., Co-PI; Burggren, W., PI; Biological Sciences							
GP00029	Assessment of CardioActive Compounds	Research	AstraZeneca PLC	Priva	te Co-PI	\$5,436	40%	\$2,174
	Totals for	Jagadeeswaran,Pud	lur					\$7,622
Jimenez	Jaime Enrique							
Jimenez, .	I., PI; Kennedy, J., Co-PI; Biological Sciences; Jimenez, J.,	PI; Rozzi, R., Co-PI	; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	al PI	\$396	27.2%	\$108
	Totals for	Jimenez,Jaime Enri	que					\$108
Kennedy	y,James H							
Kennedy,	J., Co-PI; Jimenez, J., PI; Biological Sciences; Jimenez, J.,	PI; Rozzi, R., Co-PI	; Philosophy & Religion Studies					
GF30033	IRES: Cross-Cutting Interdisciplinary Research and Integration of Ecology and Biocultural Conservation in the World's Sounternmost Forests	Research	National Science Foundation	Feder	ral Co-PI	\$396	33%	\$131
	Totals for	Kennedy,James H						\$131
Longo,A	antonella et estatuaria et estatuaria et estatuaria estatuaria et estatuaria estatuaria estatuaria estatuaria e							
Longo, A.	, Co-PI; Wang, X., PI; Biological Sciences							
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN-38	Research	National Institutes of Health	Feder	al Co-PI	\$23,556	20%	\$4,711
	Totals for	Longo,Antonella						\$4,711
Lund,Aı	mie Kathleen							
Lund, A.,	PI; Mcfarlin, B., Co-PI; Biological Sciences; Mcfarlin, B.,	Co-PI; Kinesiology,	Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	al PI	\$10,835	80%	\$8,668
		Lund, Amie Kathlee	n					\$8,668
	Edward Michael	W C DI D. I .	10.					
_	, Co-PI; Roberts, A., PI; Crossley II, D., Co-PI; Burggren,	_			C DY	020.022	0.507	00.505
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medici	ine Priva	te Co-PI	\$38,022	25%	\$9,506
	of Grants and Contracts Administration, University of	Mager,Edward Mic	aracı — — — — — — — — — — — — — — — — — — —					\$9,506 2019: Page 34 of 4

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Mcfarlii	n,Brian Keith							
Mcfarlin,	B., Co-PI; Lund, A., PI; Biological Sciences; Mcfarlin, B., C	o-PI; Kinesiology	y, Health Promotion, & Recreation					
GF00008	The Renin-Angiotensin System in Air Pollution-Mediated Exacerbation of Obesity	Research	National Institutes of Health	Feder	ral Co-PI	\$10,835	2%	\$217
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Olson, R., Co-I	PI; Kinesiology, F	Health Promotion, & Recreation					
GP00016	The Effect of 90-days of Prebiotic Fiber / Probiotic Supplementation on Body Composition and Weight Management in Overweight/Obese Women	Research	Nu Science	Priva	te PI	\$10,000	9%	\$900
Mcfarlin,	B., PI; Vingren, J., Co-PI; Biological Sciences; Mcfarlin, B.,	PI; Bowman, E.,	Co-PI; Vingren, J., Co-PI; Olson, I	R., Co-PI; Kine	siology, H	Health Promotio	n, & Recreation	!
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te PI	\$320	6.5%	\$21
Mcfarlin,	B., PI; Vingren, J., Co-PI; Vingren, J., Co-PI; Biological Sci	iences; Mcfarlin,	B., PI; Olson, R., Co-PI; Nite, K., C	Co-PI; Vingren,	J., Co <b>-</b> PI,	Bowman, E., C	Co-PI; Vingren,	J., C
GP50006	Does Daily Supplementation With Glutathione Alter Immunity, Upper Respiratory Tract Infection, and Oxidative Stress in Individuals Training for a Half Marathon Race?	Research	Kyowa Hakko Bio Co., Ltd.	Priva	te PI	\$56,012	3.5%	\$1,960
Mcfarlin,	B., PI; Biological Sciences; Mcfarlin, B., PI; Bowman, E., C	o-PI; Kinesiology	y, Health Promotion, & Recreation					
GP6501	Testing Efficacy of UA Recovery Shorts Following EIMD	Research	Under Armour, Inc.	Priva	te PI	\$12,999	7.5%	\$975
	Totals for	Mcfarlin,Brian K	eith					\$4,073
McGarr	ry,Roisin Carrie							
McGarry,	, R., Co-PI; Ayre, B., PI; Biological Sciences							
GP20049	Redesigning the cotton plant's architecture to improve yield and quality	Research	Cotton Incorporated	Priva	te Co-PI	-\$702	50%	(\$351)
McGarry,	, R., Co-PI; Ayre, B., PI; Biological Sciences							
GP20065	Manipulating the CLAVATA-WUSCHEL circuit to generate fasciated cotton bolls for robot harvesting	Research	Cotton Incorporated	Priva	te Co-PI	\$4,033	50%	\$2,017
	Totals for	McGarry,Roisin	Carrie					\$1,666
Padilla,	Pamela A							
Padilla, I	P., PI; Biological Sciences; Azad, R., Co-PI; Mathematics							
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Feder	al PI	\$7,591	60%	\$4,554
Padilla, I	P., Co-PI; Hughes, L., PI; Biological Sciences							
GF1673	Fostering Outstanding Cohorts in Undergraduate Science II	Instruction	National Science Foundation	Feder	al Co-PI	\$33	33.33%	\$11
Padilla, I	P., Co-PI; Burggren, W., PI; Biological Sciences							
GF1736	Epigenetic Inheritance of Physiological Phenotypes: Occurrence, Mechanism and Inter- and Intra-Individual Variation	Research	National Science Foundation	Feder	ral Co-PI	\$3,130	40%	\$1,252

Project ID	Title	Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
GF30004	Regulation of Mitochondrial Functions by Iron and Ceramides in C. elegans	Research	National Science Foundation	Feder	al PI	\$9,106	100%	\$9,106
	Totals for	Padilla,Pamela A						\$14,923
Roberts,	Aaron Patrick							
Roberts, A	I., PI; Mager, E., Co-PI; Crossley II, D., Co-PI; Burggren,	W., Co-PI; Biological	l Sciences					
GP10002	Relationship of Effects of Cardiac Outcomes in fish for Validation of Ecological Risk-II (RECOVER-II)	Research	University of Miami - School of Medic	ine Priva	te PI	\$38,022	25%	\$9,506
	Totals for	Roberts, Aaron Patrio	ck					\$9,506
Shah,Jyo	oti							
GF10501	Developing Resistance to Fusarium Head Blight in Wheat	Research	U.S. Department of Agriculture	Feder	al PI	\$3,526	100%	\$3,526
	Totals for	Shah,Jyoti						\$3,526
Thomps	on,Ruthanne							
GP7624	The Dallas Environmental Education Initiative	Instruction	City of Dallas	Priva	te PI	\$70,723	100%	\$70,723
	Totals for	Thompson,Ruthanne	•					\$70,723
Venables	s,Barney J							
GF40089	Alligator Gar Maternal/Egg Contaminant Analyses	Research	Texas Parks and Wildlife Department	Feder	al PI	\$0	100%	\$0
	Totals for	Venables,Barney J						\$0
	IV,Guido Fridolin							
Verbeck I	V, G., OTHER; Biological Sciences; Mishra, R., PI; Voevod	in, A., OTHER; Youn	•	PI; Mukherj	ee, S., Co	-		
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Feder	ral Co-PI	\$87,676	1.2%	\$1,052
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistr	y						
GP00038	Characterize Peptides and Material for Novel Foam Construct	Research	United Results Capital Group Inc.	Priva	te PI	\$8,105	30%	\$2,432
Verbeck I	V, G., PI; Biological Sciences; Verbeck IV, G., PI; Chemistr	y						
GP00039	LaCore - To Create Rapid Methods for Supplement Evaluation and Screening.	Research	LaCore Labs, Inc.	Priva	te PI	\$3,343	30%	\$1,003
	Totals for	Verbeck IV,Guido Fi	ridolin					\$4,487
Vingren,	Jakob Langberg							
Vingren, J	I., Co-PI; Mcfarlin, B., PI; Biological Sciences; Mcfarlin, B.	., PI; Bowman, E., Co	o-PI; Vingren, J., Co-PI; Olson, R., (	Co-PI; Kine	siology, I	Health Promotic	on, & Recreation	ı
GP00026	Does 90-days of Megasporebiotic Supplementation Reduce on Post-Prandial Responses to a High-Fat Meal?	Research	Physicians Exclusive, LLC	Priva	te Co-PI	\$320	1.5%	\$5

Project ID	Title		Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bio	logical Sc	iences; Mcfarlin, B.,	PI; Olson, R., Co-PI; Nite, K., Co	o-PI; Vingren,	J., Co-PI,	; Bowman, E., C	Co-PI; Vingren, .	J., C
GP50006	Does Daily Supplementation With Glutathione Alter In Upper Respiratory Tract Infection, and Oxidative Stres Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	0.35%	\$196
Vingren, .	I., Co-PI; Mcfarlin, B., PI; Vingren, J., Co-PI; Bio	logical Sc	iences; Mcfarlin, B.,	PI; Olson, R., Co-PI; Nite, K., Co	o-PI; Vingren,	J., Co <b>-</b> PI,	; Bowman, E., C	Co-PI; Vingren, .	J., C
GP50006	Does Daily Supplementation With Glutathione Alter In Upper Respiratory Tract Infection, and Oxidative Stres Individuals Training for a Half Marathon Race?		Research	Kyowa Hakko Bio Co., Ltd.	Priva	te Co-PI	\$56,012	3.15%	\$1,764
	ר	Totals for	Vingren,Jakob Lang	berg					\$1,965
Wang,X	iaoqiang								
Wang, X.,	PI; Longo, A., Co-PI; Biological Sciences								
GF2695	UGT Engineering for Detoxifying Anticancer Drug SN	1-38	Research	National Institutes of Health	Feder	al PI	\$23,556	80%	\$18,845
	1	Totals for	Wang,Xiaoqiang						\$18,845
	1	Totals for	<b>Biological Sciences</b>						\$370,750
Chemist	y.								
Bagus,P	aul S								
GF40103	Fundamental Mechanisms of Reactivity at Complex Genterfaces	eochemical	Research	Pacific Northwest National Laborato	ory Feder	al PI	\$1,224	100%	\$1,224
	ר	Totals for	Bagus,Paul S						\$1,224
Buongio	rno Nardelli,Marco								
Buongior	no Nardelli, M., PI; Chemistry; Buongiorno Narde	lli, M., PI,	Physics						
GF40104	Q4Q: Quantum Computation for Quantum Prediction of and Molecular Properties	of Materials	Research	University of Southern California	Feder	al PI	\$7,320	20%	\$1,464
Buongiori	no Nardelli, M., PI; Chemistry; Buongiorno Narde	lli, M., PI,	Physics						
GF4193	Topological Decompositions and Spectral Sampling Al for Element Substitution in Critical Technologies	lgorithms	Research	Duke University	Feder	al PI	\$31,898	20%	\$6,380
	ו	Totals for	Buongiorno Nardelli	,Marco					\$7,844
Chyan,C	Oliver M R								
GP00023	Protection of Aluminum Oxide and Cobalt Microstruct Ammonium Fluoride Solution	ures in	Research	JSR Micro, Inc.	Priva	te PI	-\$39	100%	(\$39)
GP20051	Novel Chemical Approaches to Enhance Etch Anisotro	рру	Research	Semiconductor Research Corporatio	on Priva	te PI	\$3,764	100%	\$3,764
	ר	Totals for	Chyan,Oliver M R						\$3,725
Cisneros	s,Gerardo Andres								

Project ID	Title	Category	Sponsor		Expended Ro This Period	ecognition %	Recognition Amount
GF00002	Theory and Simulation of DNA Repair Enzymes; Mechanism, Structure and Function	Research	National Institutes of Health	Federal PI	\$21,180	100%	\$21,180
	Totals for	Cisneros,Gerardo A	Andres				\$21,180
Cundari	Thomas Richard						
G73184	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	Research	U.S. Department of Energy	Federal PI	\$6,149	100%	\$6,149
GP00032	Analysis of Counterion Effects in Catalysis	Research	Exxon Mobil	Private PI	\$3,380	100%	\$3,380
GP00037	Computational Chemistry Research for Novel Anti-Inflammatory Medicines	Research	Reata Pharmaceuticals	Private PI	\$2,731	100%	\$2,731
GP20020	Activation of Light Alkanes by Earth-Abundant Metal-Oxo Catalysts	Research	American Chemical Society	Private PI	\$2,276	100%	\$2,276
	Totals for	Cundari,Thomas R	tichard				\$14,537
D'souza.							
	F., Co-PI; Wang, H., PI; Chemistry; D'souza, F., Co-PI; Man				012 405	220/	<b>0.1.2.1</b> 0
GF70013	Extended Porphyrins: Functionalization and Applications in DSSC		U.S. Department of Energy	Federal Co-PI	\$13,495	32%	\$4,318
Kelber,J		D'souza,Francis					\$4,318
ixcibei ,	only 1						
GF2686	Doped Boron Carbide Polymers: Fundamental Studies of Novel Class Materials for Enhanced Radiation Detection	Research	Defense Threat Reduction Agency	Federal PI	\$9,785	100%	\$9,785
	Totals for	Kelber,Jeffry A					\$9,785
	Mohammad A						
Omary, M	f., OPI; Slaughter III, L., Co-PI; Chemistry; Du, J., Co-PI; M	Naterials Science &					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Federal Co-PI	\$21,263	60%	\$12,758
Omary, M	f., OPI; Slaughter III, L., PI; Chemistry						
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Private Co-PI	\$4,104	100%	\$4,104
	Totals for	Omary,Mohammad	d A				\$16,862
Richmon	nd,Michael George						

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	-	Recognition %	Recognition Amount
GP7633	Synthesis and Reactivity Studies of Metal Clusters	Research	Robert A. Welch Foundation	Priva	te PI	\$6,126	100%	\$6,126
	Totals for	Richmond, Micha	el George					\$6,126
Slaughte	er III,Legrande Mancel							
Slaughter	III, L., Co-PI; Omary, M., OPI; Chemistry; Du, J., Co-PI; M	Aaterials Science	& Engineering					
GF40101	Ithildin: Metal-Inorganic Frameworks (MIFs) for Remediation and Sensing of TICs, CWAs and Explosives	Research	Leidos	Fede	ral Co-PI	\$21,263	20%	\$4,253
Slaughter	III, L., PI; Omary, M., OPI; Chemistry							
GP7631	Luminescent Metal-Metal Bonded Exiplexes of Closed Shell Coordination Compounds	Research	Robert A. Welch Foundation	Priva	te PI	\$4,104	0%	\$0
	Totals for	Slaughter III,Leg	grande Mancel					\$4,253
Verbeck	IV,Guido Fridolin							
Verbeck 1	V, G., OTHER; Xia, Z., Co-PI; Xia, Z., Co-PI; Chemistry; M	ishra, R., PI; Voe	evodin, A., OTHER; Young, M., Co-P	I; Srivilliputhi	r, S., Co-	PI; Mukherjee,	S., Co-PI; Schai	f, T.,
GF70037	Technical Proposal for Advanced Ballistics Technology: A Mechanisms-based Approach to Designing Materials Systems for Enhanced Dynamic Performance	Research	US Army Research Laboratory	Fede	ral Co-PI	\$87,676	2.8%	\$2,455
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	S						
GP00038	Characterize Peptides and Material for Novel Foam Construct	Research	United Results Capital Group Inc.	Priva	te PI	\$8,105	70%	\$5,674
Verbeck I	V, G., PI; Chemistry; Verbeck IV, G., PI; Biological Science	S						
GP00039	LaCore - To Create Rapid Methods for Supplement Evaluation and Screening.	Research	LaCore Labs, Inc.	Priva	te PI	\$3,343	70%	\$2,340
	Totals for	Verbeck IV,Guid	o Fridolin					\$10,469
Wang,H	ong							
Wang, H.	, PI; D'souza, F., Co-PI; Chemistry; D'souza, F., Co-PI; Ma	terials Science &	Engineering					
GF70013	Extended Porphyrins: Functionalization and Applications in DSSO	Research	U.S. Department of Energy	Fede	ral PI	\$13,495	60%	\$8,097
	Totals for	Wang,Hong						\$8,097
Xia,Zhe	nhai							
Xia, Z., P	I; Chemistry; Xia, Z., PI; Materials Science & Engineering							
GF1684	Nanomanufacturing of High-Performance Graphene-Based Catalytic Electrodes for Renewable Energy Production	Research	National Science Foundation	Fede	ral PI	\$2,151	20%	\$430
Xia, Z., C	o-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-PI; Materia	ls Science & Engi	neering					
GF30008	Nanomanufacturing Of Hierarchical Metallic Glasses As High- Performance Electrocatalysts	Research	National Science Foundation	Fede	ral Co-PI	\$11,764	2%	\$235
Xia, Z., P.	I; Chemistry; Xia, Z., PI; Materials Science & Engineering							
GF30035	Electromechanics of Bioinspired Switchable-Surface Nanocomposites	Research	National Science Foundation	Fede	ral PI	\$1,551	20%	\$310

Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Xia, Z., Co	o-PI; Chemistry; Mukherjee, S., PI; Xia, Z., Co-F	PI; Materia	ls Science & Engine	ering					
GF30051	GOALI: Friction Stir Joining of Bulk Metallic Glasse Composites	es and Their	Research	National Science Foundation	Feder	al Co-PI	\$4,755	4%	\$190
Xia, Z., Co	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Cl	hemistry; M	Aishra, R., PI; Voevo	odin, A., OTHER; Young, M., Co-PI; S	Srivilliputhu	r, S., Co-	PI; Mukherjee,	S., Co-PI; Scha	rf, T.,
GF70037	Technical Proposal for Advanced Ballistics Technolo Mechanisms-based Approach to Designing Materials Enhanced Dynamic Performance		Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	0.32%	\$281
Xia, Z., Co	o-PI; Verbeck IV, G., OTHER; Xia, Z., Co-PI; Ci	hemistry; N	Aishra, R., PI; Voevo	odin, A., OTHER; Young, M., Co-PI; S	Srivilliputhu	r, S., Co-	PI; Mukherjee,	S., Co-PI; Scha	rf, T.,
GF70037	Technical Proposal for Advanced Ballistics Technolo Mechanisms-based Approach to Designing Materials Enhanced Dynamic Performance		Research	US Army Research Laboratory	Feder	al Co-PI	\$87,676	1.28%	\$1,122
		Totals for	Xia,Zhenhai						\$2,569
		Totals for	Chemistry						\$110,987
COS - St	udent Services								
Beck,De	brah Ann								
GS00021	Joint Admission Medical Program 2018-19		Public Service	University of Texas at Austin Joint Admission Medical Program Council: Admissions Medical Program	State	PI	\$2,062	100%	\$2,062
		Totals for	Beck,Debrah Ann						\$2,062
		Totals for	COS - Student Serv	rices					\$2,062
Institute	for Applied Sciences								
O'Neill I	I,Martin Joseph								
	M., Co-PI; Institute for Applied Sciences; Mikle	er, A., PI; R	amisetty-Mikler, S.,	Co-PI; Computer Science & Engineer	ring; Tiwari,	С., Со-Н	PI; Geography		
GF00007	Minimizing Access Disparities in Bio-Emergency Re Planning	esponse	Research	National Institutes of Health	Feder	al Co-PI	\$5,602	25%	\$1,400
O'Neill II,	M., Co-PI; Institute for Applied Sciences; Mikle	er, A., PI; C	Computer Science & I	Engineering					
GF40080	Development and Deployment of Computational Met Facilitate Response Planning for POD Placement and of Medical Counter Measures From Regional RSS Si in Texas DSHS Region 6/5S	Distribution	Research	Texas Department of State Health Serv	ice Feder	al Co-PI	\$35,630	50%	\$17,815
O'Neill II,	M., PI; Institute for Applied Sciences; Mikler, A	., Co <b>-</b> PI; C	Computer Science & I	Engineering					
GF40102	Providing RE-PLAN to Support Response Planning f Angeles County, California	for Los	Public Service	Los Angeles County	Feder	al PI	\$18,961	50%	\$9,481
		Totals for	O'Neill II,Martin Jo	oseph					\$28,696
		Totals for	Institute for Applied	d Sciences					\$28,696
Mathema	atics								

Project ID	Title	Category	Sponsor	Funding Source	PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Azad,Ra	ijeev Kumar							
Azad, R.,	Co-PI; Mathematics; Padilla, P., PI; Biological Sciences							
GF00001	Molecular Consequences of Glucose Diet and Altered Ceramide Species Impacting Oxygen Deprivation Responses	Research	National Institutes of Health	Fede	ral Co-PI	\$7,591	40%	\$3,036
Azad, R.,	Co-PI; Mathematics; Jagadeeswaran, P., PI; Azad, R., Co-I	PI; Biological Scien	ces					
GF00011	Zebrafish Thrombopoiesis	Research	National Institutes of Health	Fede	ral Co-PI	\$6,053	4%	\$242
Azad, R.,	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., PI; Chen,	F., Co-PI; Azad, R.,	. Co-PI; Azad, R., Co-PI; Biologic	cal Sciences; D'	Souza, N.,	Co-PI; D'Souz	a, N., Co-PI; M	echa
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation	Fede	ral Co-PI	\$15,702	2.4%	\$377
Azad, R.,	Co-PI; Azad, R., Co-PI; Mathematics; Dixon, R., PI; Chen,	F., Co-PI; Azad, R.,	. Co-PI; Azad, R., Co-PI; Biologic	cal Sciences; D'	Souza, N.,	Co-PI; D'Souz	a, N., Co-PI; M	echa
GF1734	Biosynthesis, Regulation and Engineering of C-Lignin	Research	National Science Foundation		ral Co-PI	\$15,702		\$251
	Totals for	Azad,Rajeev Kuma	r					\$3,906
Conley,	Charles H							
GP20010	Deformations	Research	Simons Foundation	Priva	ite PI	\$75	100%	\$75
GP20040	Contact Schwarzians, Extremal Projectors, and Infinitesimal Characters	Research	Simons Foundation	Priva	ite PI	\$401	100%	\$401
	Totals for	Conley,Charles H						\$476
Gao,Su								
Gao, S., P	PI; Jackson, S., Co-PI; Mathematics							
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Fede	ral PI	\$4,061	50%	\$2,030
	Totals for	Gao,Su						\$2,030
	S., Co-PI; Gao, S., PI; Mathematics							
GF30046	Descriptive Dynamics and Borel Combinatorics of Group Actions	Research	National Science Foundation	Fede	ral Co-PI	\$4,061	50%	\$2,030
	Totals for	Jackson,Stephen C	raig					\$2,030
Krueger	John Eric							
GF1719	Forcing and Consistency Results	Research	National Science Foundation	Fede	ral PI	\$1,940	100%	\$1,940
	Totals for	Krueger,John Eric						\$1,940
_	illa,John Anthony							
	la, J., Co-PI; Mathematics; Eddy, C., PI; Harrell, P., Co-PI					S		
GF1557	UNT Science and Mathematics Robert Noyce Scholarship	Public Service	National Science Foundation	Fede	ral Co-PI	-\$100	8%	(\$8)
	Totals for	<b>Q</b>	nthony					(\$8)
	Totals for	Mathematics						\$10,375

Project ID	Title	Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
Physics								
Aouadi,	Samir M							
Aouadi, S	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Voevodi	in, A., Co-PI; Berman, D., Co-PI; A	louadi, S., Co-	PI; Daho	tre, N., Co-PI;	Materials Scienc	ce &
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$9,742	2 1%	\$97
Aouadi, S	., Co-PI; Aouadi, S., Co-PI; Physics; Young, M., PI; Aouadi	, S., Co-PI; Voevodi	in, A., Co-PI; Berman, D., Co-PI; A	louadi, S., Co-	PI; Daho	tre, N., Co-PI;	Materials Scienc	ce &
GF70047	Advanced Manufacturing, Processing and Characterization of Light Weight and Adaptive Materials	Research	US Army Research Laboratory	Feder	al Co-PI	\$9,742	2 4%	\$390
	Totals for	Aouadi,Samir M						\$487
Buongio	rno Nardelli,Marco							
Buongior	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; C	Chemistry						
GF40104	Q4Q: Quantum Computation for Quantum Prediction of Materials and Molecular Properties	s Research	University of Southern California	Feder	al PI	\$7,320	80%	\$5,856
Buongior	no Nardelli, M., PI; Physics; Buongiorno Nardelli, M., PI; C	Chemistry						
GF4193	Topological Decompositions and Spectral Sampling Algorithms for Element Substitution in Critical Technologies	Research	Duke University	Feder	al PI	\$31,898	80%	\$25,518
	Totals for	Buongiorno Nardell	li,Marco					\$31,375
Glass,G	ary Alan							
GF50002	Estradiol Regulation of Hypothalamic Astrocyte Glycogen	Research	University of Louisiana at Monroe	Feder	al PI	\$4,414	100%	\$4,414
	Totals for	Glass,Gary Alan						\$4,414
Grigolin	i,Paolo							
GF70054	Self-Organization of Social Systems	Research	Army Research Office	Feder	al PI	\$5,444	100%	\$5,444
GP7634	Ergodicity Breaking in Chemical, Biological and Cooperative Systems	Research	Robert A. Welch Foundation	Priva	te PI	\$2,279	100%	\$2,279
	Totals for	Grigolini,Paolo						\$7,723
Krokhin	ı,Arkadii	,						,
	A., Co-PI; Neogi, A., PI; Physics; Choi, T., Co-PI; Mechanic	cal & Energy Engine	eering					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	al Co-PI	\$16,788	30%	\$5,036
	Totals for	Krokhin,Arkadii						\$5,036
Lin,Yua	nkun							

Project ID	Title	Category	C	Funding Source	PI / Co-PI		Recognition %	Recognition Amount
Lin, Y., Pl	; Physics; Lin, Y., PI; Electrical Engineering							
GF30032	Collaborative Research: Three Dimensional Laser Holographic Nanopatterning Using Metamaterial Phase Masks	Research	National Science Foundation	Feder	ral PI	\$3,501	75%	\$2,626
	Totals for	Lin,Yuankun						\$2,626
Littler,C	Christopher Leslie							
Littler, C.,	, PI; Syllaios, A., Co-PI; Physics							
GF40087	Characterization, Modeling, and Optimization of Cross-Linked Metal Particles for Microbolometers	Research	Washington State University	Feder	ral PI	-\$4,481	50%	(\$2,241)
Littler, C.,	, Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, LI	LC Feder	ral Co-PI	\$2,943	25%	\$736
Littler. C	, Co-PI; Syllaios, A., PI; Philipose, U., Co-PI; Physics							
GF40107	Design and Development of High Performance Microbolometer Using VOx, CNT and Graphene for LWIR Applications	Research	Magnolia Optical Technologies, Inc.	Feder	ral Co-PI	\$12,750	20%	\$2,550
	Totals for	Littler,Christopher	Leslie					\$1,045
Neogi,Aı	rup							
Neogi, A.,	PI; Krokhin, A., Co-PI; Physics; Choi, T., Co-PI; Mechanic	cal & Energy Engine	eering					
GF30038	GOALI: EFRI NewLaw: Non-Reciprocal Effects and Anderson Localization of Acoustic and Elastic Waves in Periodic Structures with Broken PSymmetry of the Unit Cell	Research	National Science Foundation	Feder	ral PI	\$16,788	50%	\$8,394
	Totals for	Neogi,Arup						\$8,394
Ordonez	z,Carlos A							
GF1739	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	Research	National Science Foundation	Feder	al PI	\$9,857	100%	\$9,857
	Totals for	Ordonez,Carlos A						\$9,857
Philipose	e,Usha							
Philipose,	U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics							
GF40105	Export Controlled at Award - Title removed	Research	DRS Network & Imagining Systems, LI	LC Feder	ral Co-PI	\$2,943	25%	\$736
Philipose,	U., Co-PI; Syllaios, A., PI; Littler, C., Co-PI; Physics							
GF40107		Research	Magnolia Optical Technologies, Inc.	Feder	ral Co-PI	\$12,750	30%	\$3,825
	Totals for	Philipose,Usha						\$4,561
Shemme	er,Ohad							
GF30048	Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey Collaborative Research: Placing High-Redshift Quasars in Perspective: a Gemini Near-Infrared Spectroscopic Survey	Research	National Science Foundation	Feder	ral PI	\$2,943	100%	\$2,943

ID	Title	Catego	ry	Sponsor	Funding Source		Expended This Period		Recognition Amount
	Tota	s for Shemmer	r,Ohad						\$2,943
Shiner,I	David C								
GF1694	Precision Laser Studies of Basic Atoms and Nuclei	Rese	arch	National Science Foundation	Feder	al PI	\$3,157	100%	\$3,157
	Tota	s for Shiner,D	avid C						\$3,157
Syllaios.	Athanasios John								
Syllaios, 2	A., Co-PI; Littler, C., PI; Physics								
GF40087	Characterization, Modeling, and Optimization of Cross-Lin Metal Particles for Microbolometers	ked Rese	arch	Washington State University	Feder	al Co-PI	-\$4,481	50%	(\$2,241)
Syllaios, 2	A., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics	•							
GF40105	Export Controlled at Award - Title removed	Rese	arch	DRS Network & Imagining Systems, L	LC Feder	al PI	\$2,943	50%	\$1,471
Syllaios, 2	A., PI; Littler, C., Co-PI; Philipose, U., Co-PI; Physics	•							
GF40107	Design and Development of High Performance Microbolor Using VOx, CNT and Graphene for LWIR Applications		arch	Magnolia Optical Technologies, Inc.	Feder	al PI	\$12,750	50%	\$6,375
	Tota	s for Syllaios,	Athanasios J	ohn					\$5,606
	Tota	s for Physics							\$87,223
Maybor		s for Physics s for College o	of Science						\$87,223 \$615,496
Journali Champl	Tota on School of Journalism ism - Academic Departments lin,Sara	s for College o							
Journal Champlin	Tota on School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop	s for College o	ology & Spe						\$615,496
Journal Champlin	Tota on School of Journalism ism - Academic Departments lin,Sara	s for College o	ology & Spe	vech - Language Pathology  Texas Speech Language Hearing  Foundation	Privat	e Co-PI	\$1,600	50%	
Journal Champlin	rn School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu	al, K., PI; Audio	ology & Spe	Texas Speech Language Hearing	Privat	e Co-PI	\$1,600	50%	\$615,496
Journal Champlin	rn School of Journalism  ism - Academic Departments  lin,Sara  n, S., Co-PI; Journalism - Academic Departments; Gop  Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss	al, K., PI; Audication Rese	ology & Spe arch n,Sara	Texas Speech Language Hearing	Privat	e Co-PI	\$1,600	50%	\$615,496 \$800
Journali Champl	rn School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss Tota	al, K., PI; Audio eation Rese s for Champlis	ology & Spe arch n,Sara	Texas Speech Language Hearing Foundation  ic Departments	Privat	e Co-PI	\$1,600	50%	\$615,496 \$800 \$800
Journals Champl Champlin GP20057	rn School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss Tota Tota	al, K., PI; Audio eation Rese s for Champlis	ology & Spe arch n,Sara sm - Academ	Texas Speech Language Hearing Foundation  ic Departments	Privat	e Co-PI	\$1,600	50%	\$800 \$800
Journali Champl Champlin GP20057	rn School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss Tota Tota	al, K., PI; Audio eation Rese s for Champlis	ology & Spe arch n,Sara sm - Academ	Texas Speech Language Hearing Foundation  ic Departments	Privat	e Co-PI	\$1,600	50%	\$800 \$800
Journals Champl Champlin GP20057 Admissi Outreac	rn School of Journalism ism - Academic Departments lin,Sara n, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss Tota Tota Tota Tota	al, K., PI; Audio eation Rese s for Champlis	ology & Spe arch n,Sara sm - Academ	Texas Speech Language Hearing Foundation  ic Departments	Privat	e Co-PI	\$1,600	50%	\$800 \$800
Journal Champl Champlin GP20057 Admissi Outreac	In, Sara  In, S., Co-PI; Journalism - Academic Departments; Gop Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss Tota Tota Tota Tota  Tota	al, K., PI; Audication Researches for Champlings for Journalises for Mayborn	ology & Spe arch n,Sara sm - Academ	Texas Speech Language Hearing Foundation  ic Departments	Privat	e Co-PI	\$1,600 \$15,256		\$800 \$800
Champling Champling GP20057  Admissi Outreach Keller, M	In, Sara  In, S., Co-PI; Journalism - Academic Departments; Gop  Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss  Tota  Tota	al, K., PI; Audication Reserved Solution Reserved Solution Reserved Solution Solutio	ology & Spe arch n,Sara sm - Academ	Texas Speech Language Hearing Foundation  ic Departments  ournalism  Texas Higher Education Coordinating					\$800 \$800 \$800 \$800
Champling Champling GP20057  Admissi Outreach Keller, M	In, Sara  In, S., Co-PI; Journalism - Academic Departments; Gop  Hearing Health Communication Assessment: attitudes, edu and prevention of recreational noise-induced hearing loss  Tota  Tota  Tota  Tota  Work Study Mentorship Program  Tota	al, K., PI; Audio cation Rese s for Champli s for Journalis s for Mayborn  Publi s for Keller, M	ology & Spe arch n,Sara sm - Academ i School of Jo	Texas Speech Language Hearing Foundation  ic Departments  purnalism  Texas Higher Education Coordinating Board					\$800 \$800 \$800 \$800

Project ID	Title		Category	Sponsor		PI / Co-PI	Expended This Period	Recognition %	Recognition Amount
Honors	College								
Honors	College - Dean's Office								
Caffrey,	Kevin Neal								
GF20004	The University of North Texas Ronald E. McNair Postbaccalaureate Achievement Program, 2018-2022		Instruction	U.S. Department of Education	Feder	al PI	\$20,138	3 100%	\$20,138
		Totals for	Caffrey,Kevin Neal						\$20,138
		Totals for	Honors College - Dea	n's Office					\$20,138
		Totals for	Honors College						\$20,138
Office of	f the President	-							
Office of	f the President								
Roe,Les	a Benton								
G70167	Executive Director CPUPC Position		Public Service	Texas Council of Public University Presidents and Chancellors	Priva	te PI	\$12,603	100%	\$12,603
		Totals for	Roe,Lesa Benton						\$12,603
		Totals for	Office of the Presiden	t					\$12,603
		Totals for	Office of the Presiden	t					\$12,603
	Affairs - General Affairs - General								
McGuin	ness,Maureen								
GS00024	Survivor Advocate Initiative		Public Service	Office of Attorney General, Texas	State	PI	\$1,676	100%	\$1,676
		Totals for	McGuinness,Mauree						\$1,676
		Totals for	Student Affairs - Gen						\$1,676
C414	F	Totals for	Student Affairs - Gen	erai					\$1,676
UNT TR	Engagement PIO								
Craig,D	etra Danielle								
GF0616	University of North Texas Student Support Services	TRIO  Totals for	Public Service Craig, Detra Danielle	U.S. Department of Education	Feder	al PI	\$32,633	100%	\$32,633 <b>\$32,63</b> 3
Dean,Ka	aren Rawlings	2 0 0 101	mg,2 viii Dumini						<i>\$02,000</i>

Project ID	Title		Category	Sponsor		PI / Co-PI		Recognition %	Recognition Amount
GF20001	UNT HEB Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$20,979	100%	\$20,979
		Totals for	Dean,Karen Rawling	s					\$20,979
Maloney	Beverly Ann,								
GF20000	UNT Talent Search		Public Service	U.S. Department of Education	Feder	al PI	\$38,970	100%	\$38,970
		Totals for	Maloney,Beverly Ann	1					\$38,970
Nelson,T	ori Lynn								
GF20002	Upward Bound Program		Public Service	U.S. Department of Education	Feder	al PI	\$30,846	100%	\$30,846
		Totals for	Nelson,Tori Lynn						\$30,846
		Totals for	UNT TRIO						\$123,428
		Totals for	Student Engagement						\$123,428
	e Graduate School e Graduate School - Dean's Office								
Oppong,	Joseph R								
GF30026	Graduate Research Fellowship Program		Research	National Science Foundation	Feder	al PI	\$5,667	100%	\$5,667
		Totals for	Oppong,Joseph R				•		\$5,667
		Totals for	Toulouse Graduate S	chool - Dean's Office					\$5,667
		Totals for	Toulouse Graduate S	chool					\$5,667
Universi	ty Library								
Digital L	ibraries								
Phillips,	Mark Edward								
GF70032	Programmatic Extraction of "Documents" from Web	Archives	Research	Institute of Museum and Library Service	es Feder	al PI	\$4,960	100%	\$4,960
Phillips, M	1., Co-PI; Digital Libraries; Zavalina, O., PI; In	nformation s	Science; Chelliah, S.,	Co-PI; Linguistics					
GF70044	Exploring Methods and Techniques for Facilitating A Digital Language Archives		Research	Institute of Museum and Library Service	es Feder	al Co-PI	\$2,310	33.33%	\$770
		Totals for	Phillips,Mark Edwar	d					\$5,730
		T . 1 C	D 1111						\$5,730
		Totals for	Digital Libraries						\$3,730

Project ID	Title		Category	Sponsor	Funding Source		Expended This Period	Recognition %	Recognition Amount
CP40010	DART Ausking Project		Public Service	Dallas Area Rapid Transit	Davisso	te PI	\$8,811	100%	¢0 011
GP40010	DART Archives Project	Totals for		•	Priva	ie Pi	\$0,011	10070	\$8,811
		Totals for Totals for	Gieringer, Morgan Da Special Libraries	IVIS					\$8,811 \$8,811
Universi	ity Library - General	10413 101	Special Elbraries						\$0,011
	· · ·								
	,Martin Douglas	11 W DI							
	M., OTHER; University Library - General; Chan		-	In the factor of Management of I illustrate of I illustrat	E. 4	1 C- DI	0.52.1	250/	6122
GF2694	Library Education for the US-Affiliated Pacific: A P Strengthen the Digital Future of the Pacific (LEAP II		Instruction	Institute of Museum and Library Service	ces rede	ral Co-PI	\$531	25%	\$133
		Totals for	Halbert,Martin Doug	las					\$133
Hawkin	s,Kevin Scott								
Hawkins,	K., PI; Martin, J., Co-PI; University Library - G	General							
GF2705	Broadening Access to Books on Texas and Oklahom	a	Public Service	National Endowment for the Humaniti	es Feder	ral PI	\$1,217	50%	\$608
GP30010	Understanding OA Ebook Usage: Toward a Common	n Framework	Research	University of Michigan	Priva	te PI	\$477	100%	\$477
		Totals for	Hawkins,Kevin Scott						\$1,085
Krahme	er,Ana Jean								
Krahmer,	A., Co-PI; Phillips, M., PI; University Library -	General							
GF40097	Borderlands Newspaper Digitization Project - Part II	I	Public Service	Texas State Library and Archives Commission	Feder	ral Co-PI	\$3,259	50%	\$1,630
		Totals for	Krahmer,Ana Jean						\$1,630
Martin,	John Edward								
Martin, J	., Co-PI; Hawkins, K., PI; University Library - G	General							
GF2705	Broadening Access to Books on Texas and Oklahom	a	Public Service	National Endowment for the Humaniti	es Feder	ral Co-PI	\$1,217	50%	\$608
		Totals for	Martin,John Edward						\$608
Phillips,	Mark Edward								
Phillips,	M., PI; Krahmer, A., Co-PI; University Library -	General							
GF40097	Borderlands Newspaper Digitization Project - Part II	I	Public Service	Texas State Library and Archives Commission	Feder	ral PI	\$3,259	50%	\$1,630
GF70014	Texas Digital Newspaper Project, Phase Four		Public Service	National Endowment for the Humaniti	es Feder	al PI	\$6,992	100%	\$6,992
		Totals for	Phillips,Mark Edwar	d					\$8,621
			University Library - C						\$12,077
		Totals for	University Library						\$26,618
		Totals for	UNT						\$1,770,980